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NINETY-SECOND ANNUAL EDITION

TRADE MARK

Dreer's Garden Book 1930

HENRY A. DREER
1306 SPRING GARDEN ST.
PHILADELPHIA, PA.

General Directions to Customers

1306 Spring Garden Street,
Philadelphia, January, 1930

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as ourselves:

ORDER EARLY.—We aim to execute all orders as soon as received, but during the rush season from March to May slight delays are unavoidable, which, however, can be largely overcome by our patrons anticipating their wants and ordering and taking delivery of their requirements early.

FORWARDING.—We deliver, postpaid to any Post Office in the United States, Vegetable and Flower Seeds in packets, ounces and pounds, except where otherwise noted in the Catalogue. Agricultural Seeds, Implements, Fertilizers and other heavy and bulky goods are sent by Express or Freight at purchaser's expense.

All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges. For those of our customers who prefer to receive their goods by Parcel Post, we will be pleased to forward in this manner such Plants, Roots and Bulbs as can be sent in this way at the additional cost as noted on page 119 and on order blank which must be added to the value of each order for Plants, Roots or Bulbs.

Special instructions regarding the forwarding of plants will be found on page 119.

CANADIAN SHIPMENTS.—Flower Seeds are sent postpaid. All other goods are sent by Express or Freight, purchaser paying all charges. Patrons who wish to purchase Plants or Bulbs must secure a permit from the Department of Agriculture, Ottawa.

LOCAL DELIVERY.—We deliver goods free in Philadelphia. We can also forward by Package System (Baggage Master) to points where this system is in operation, such goods as will be received by them at the following charges. Packages weighing when packed for shipment not over 10 pounds, 12 cts.; not over 25 pounds, 18 cts.; not over 40 pounds, 24 cts.; not over 55 pounds, 30 cts.

PACKING.—No charge is made for boxes or packing on Express or Freight shipments nor for Delivery to Freight Depot or Express Offices in Philadelphia.

SAFE ARRIVAL OF PACKAGES.—We guarantee the safe arrival of all goods sent by Express or Mail to points within the United States. If a package sent by Express or Mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failures after delivery of the goods in good condition.

ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

REMITTANCES should be made by Post Office Money Order, Drafts on Philadelphia or New York Banks, or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letters should be registered. Coin should not be sent by mail.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery" unless remittance be made on account to guarantee acceptance.

NAME AND ADDRESS.—Please remember to write on each order your **NAME, POST OFFICE, COUNTY** and **STATE;** also give number of street or P. O. Box as distinctly as possible; also the **NEAREST EXPRESS OFFICE,** or, if on a stage route, send us special directions.

CATALOGUES.—We send our customers three catalogues annually, viz.: Garden Book in January, Midsummer Catalogue in June and Autumn Catalogue in September. Customers having more than one address will oblige by stating to which address they wish the Catalogues mailed.

NON-WARRANTY.—Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. It must, however, be plain to every one who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

CORRESPONDENCE.—We try to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets; also that as few inquiries as possible be sent in during April and May at which time we are overtaxed with the business which is necessarily crowded into these two months.

DREER'S GARDEN BOOK
for 1930

NINETY-SECOND ANNUAL EDITION

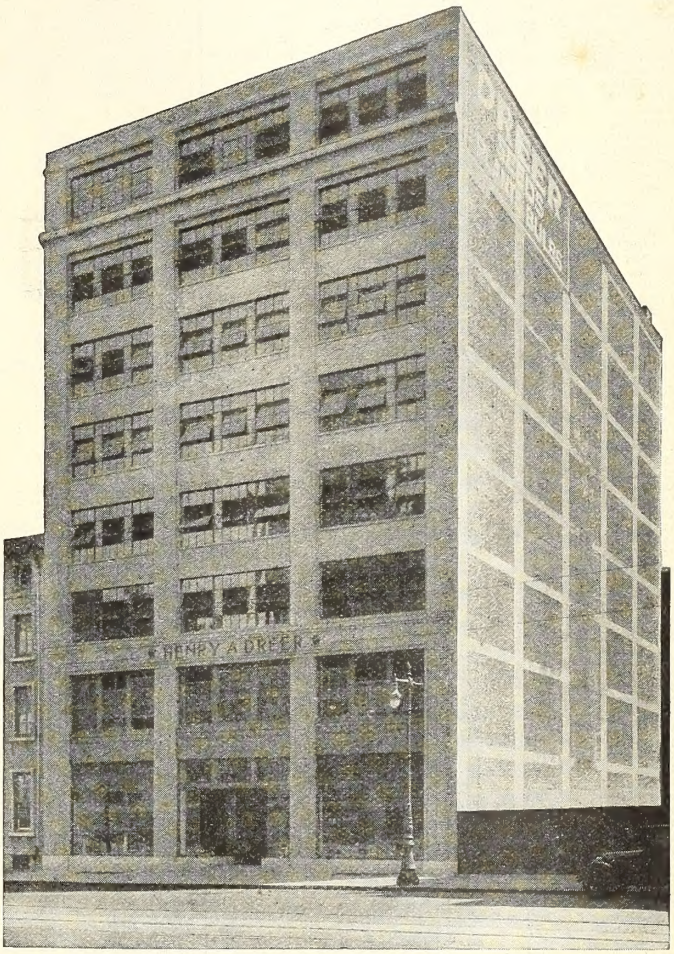
The House of Dreer and Its Relation to Gardening in America

In 1838, the Founder of this establishment started, in a modest way, to provide Seeds, Plants, and Bulbs of a quality sought especially by garden connoisseurs. Then, as now, the exacting gardener appreciated the difference in the strain, the blood so to say, in even one of the same variety. That high ideal—to provide only the best strains which each race affords—whether vegetables or flowers, from seeds or bulbs—is, after 92 years, still the governing motive in the conduct of the Dreer establishment.

Today, the House of Dreer supplies a wider choice of garden materials than that offered by most horticultural establishments. It enjoys the patronage and good will of the most unique group of garden enthusiasts on earth—people who know what they want, and where to get it. By the thousands they depend upon Dreer quality Seeds, Bulbs, and Plants for their gardens of pleasure and plenty.

With a "seasoned" organization of skilled fellow workers backed by resources, facilities, and modern equipment second to none, we endeavor to merit the continuous patronage of our legions of loyal customers. We also invite orders, small or large, from those as yet not familiar with the scope and character of Dreer Service in Seeds, Bulbs, Plants and Garden Accessories.

While we are organized and prepared to give the same prompt service to which our patrons are accustomed, we call special attention to the conditions which are peculiar to the Seed, Plant and Bulb business, in that the great bulk of the season's business is crowded into a comparatively few weeks' time in the spring of the year. Under these conditions it will greatly aid in preventing undue congestion if our customers will send in and take delivery of their orders as early in the season as possible.



THE NEW "DREER BUILDING," 1306 Spring Garden Street, Philadelphia, Pa.

We call your special attention to the notes regarding the ordering and forwarding of Plants on page 119.

The offerings of the various Departments will be found in this book in the following order:

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The full worth of their money to all is the broad principle in which we always deal, and we refer to our reputation as evidence that we live up to the precept

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DREER'S COLLECTIONS OF CHOICE VEGETABLE SEEDS

These Collections are particularly helpful to those of our customers who are unable to decide on their own selection of varieties and all the sorts used in their composition are of fine quality and thoroughly reliable, and include only standard vegetables, which go to make a complete and profitable garden. We offer three Collections of varying size and price which allow quite a saving, as the quantities offered here if bought separately would cost considerably more.

These Collections are packed ready for mailing and no alterations can be made.

THE "BUNGALOW" COLLECTION—$1.50, Prepaid

1 pkt. Dwarf Beans, Stringless Green Pod.
1 pkt. " " Golden Wax Pod.
1 pkt. Beet, Early Detroit.
1 pkt. " Swiss Chard.
1 pkt. Cabbage, Copenhagen Market.
1 pkt. Carrot, Dreer's Rubicon.
1 pkt. Corn, Golden Bantam.
1 pkt. Cucumber, White Spine.
1 pkt. Kale, Imperial.
1 pkt. Lettuce, Big Boston.
1 pkt. Parsley, Moss Curled.
1 pkt. Onion, Yellow Globe.
1 pkt. Peas, Electric Extra Early.
1 pkt. " Potlatch.
1 pkt. Radish, Cardinal Globe.
1 pkt. Spinach, Long Standing.
1 pkt. Turnip, White Globe.

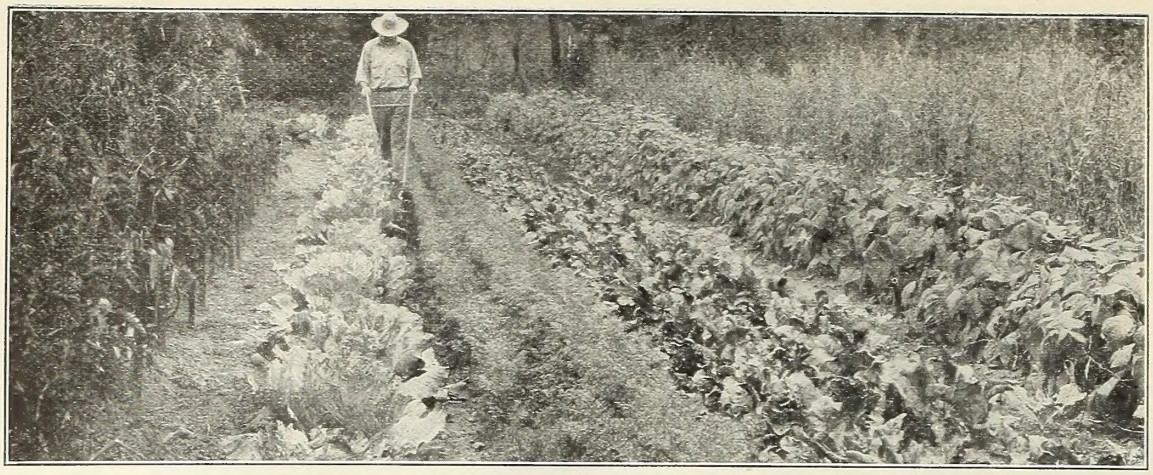
THE "COTTAGE" COLLECTION—$3.00, Prepaid

½ lb. Dwarf Beans, Valentine Green Pod.
½ lb. " " Sure Crop Wax Pod.
½ lb. " " Bush Lima.
1 oz. Beet, Globe.
1 pkt. " Swiss Chard.
1 pkt. Cabbage, Jersey Wakefield.
1 pkt. Carrot, Danvers.
1 pkt. Cucumber, White Spine.
1 pkt. Corn, Aristocrat.
1 pkt. " Country Gent.
1 pkt. Kale, Imperial.
1 pkt. Kohl-Rabi.
1 pkt. Lettuce, All Heart.
1 pkt. Muskmelon, Rocky Ford.
1 pkt. Onion, Yellow Globe.
1 pkt. Parsley, Moss Curled.
½ lb. Peas, Dreer's Electric.
½ lb. " Dwarf Telephone.
1 oz. Radish, Crimson Ball.
1 oz. Spinach, Long Standing.
1 oz. " Savoy.
1 pkt. Squash, Jersey Bush.
1 pkt. Tomato, Selected Stone.
1 pkt. Turnip, Snowball.
1 pkt. " Ruta Baga.

THE "VILLA" COLLECTION—$5.00, Prepaid

1 lb. Dwarf Beans, Giant Stringless Green Pod.
1 lb. " " Sure Crop Wax Pod.
1 lb. " " Dreer's Lima.
½ lb. Pole Beans, Dreer's Improved Lima.
1 oz. Beet, Special Crosby's Egyptian.
1 oz. " Swiss Chard.
1 pkt. Cabbage, Jersey Wakefield.
1 pkt. " Late Flat Dutch.
1 pkt. " Chinese, Pe Tsai.
1 oz. Carrot, Danvers.
1 pkt. Cauliflower.
1 pkt. Cucumber, White Spine.
½ lb. Corn, Golden Bantam.
½ lb. " Evergreen.
1 pkt. Endive, Curled.
1 pkt. Kohl-Rabi, Purple Vienna.
1 pkt. Leek, Prizetaker.
1 pkt. Lettuce, Big Boston.
1 pkt. " Cos, or Romaine.
1 pkt. Muskmelon, Early.
1 pkt. Parsley, Moss Curled.
1 pkt. Onion, Yellow Globe.
1 pkt. " White Globe.
1 lb. Peas, Dreer's Eureka.
1 lb. " Senator.
1 lb. " Dwarf Champion.
1 oz. Radish, Crimson Ball.
1 oz. " Icicle.
1 oz. Spinach, Savoy.
1 oz. " Long Standing.
1 pkt. Tomato, Bonny Best.
1 oz. Turnip, Yellow Globe.
1 oz. " Purple Top Ruta Baga.

The prices above show a 15% saving over an order of similar size bought separately



Dreer's Specialties for Better Food Gardens

The special vegetables offered in the following four pages are not necessarily novelties. As a matter of fact, some of them, like Wonder Bush Lima Bean, have served American home gardeners for a score of years. Rather would we have you look upon these special varieties as tried and dependable friends worthy of a place of honor in your garden, since they are endowed with qualities and characteristics that would make them worth any man's time and space. We take great pride in the special strains we offer for there are just as wide differences between strains of one and the same vegetable as there are between blooded live stock and the ordinary farm type. We shall continue to endeavor to make Dreer's strains the pride of home gardeners throughout America.

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Trianon Self-folding Cos, or Romaine Lettuce

479 The ideal hot weather lettuce, for, when the true head Lettuces burst with seed stalks, the Cos Lettuces come into their own and among them the Trianon Self-folding variety is one of the choicest for the home garden. Sown at the same time as the head Lettuces, this variety perfects compact, upright, tightly folded cones within sixty days of sowing the seeds. It folds of its own accord, no tying being required, and inside leaves bleach naturally to a most attractive greenish white. It is an ideal Lettuce for sowing again during June for use during August when regular head Lettuces will not form solid plants. This is the variety so extensively served in the best hotels and restaurants under the name of Romaine, and is delicious served with a French dressing. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.

Trianon Cos Lettuce

ALL VEGETABLE SEEDS in quantities offered in this Catalog are **DELIVERED TRANSPORTATION PAID,** anywhere in the United States, we reserving the privilege of shipping either by **PARCEL POST, EXPRESS or FREIGHT.**

Mary Washington Asparagus

12 This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is slightly earlier. The tips are very compact and are a rich purplish-green and the whole stalk, from base to tip, is remarkably tender. Asparagus roots of other varieties are offered on page 212. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

Dwarf Golden Carmine Wax Beans

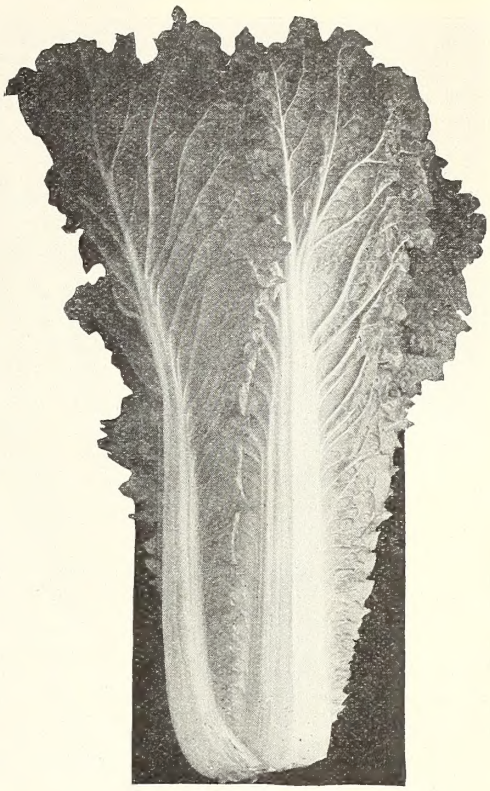
70 A bush bean of the Horticultural type, which can be used either as a snap or shell bean. When matured and dried the large beans are excellent for baking. Ready for the table as a snap bean in about 60 days, and as a shell bean about 10 days later. At all stages the pod is stringless and tender. Pods are large, broad, long and golden-yellow, splashed with carmine, and seed is large kidney-shaped, buff colored, and mottled. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $2.00, prepaid.

Dreer's Wonder Bush Lima

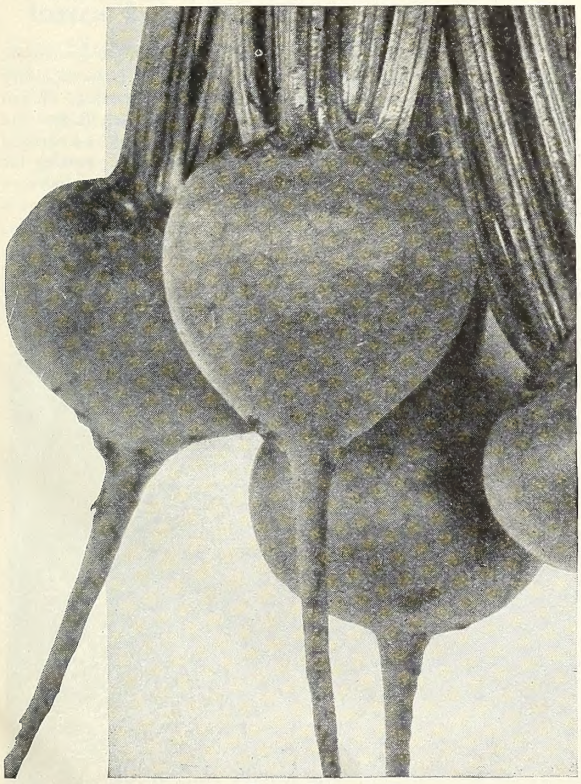
111 Very desirable on account of earliness, productiveness and its fixed habit of growing in the dwarf or bush form. The plants are of strong, upright growth, and are completely covered with large pods, many of which contain four beans fully as large as those of the pole limas. The beans are flat and broad and pronounced by many as being superior in flavor to the round, thick-seeded varieties. On account of its unusual earliness, Wonder Bush Lima can be planted well on in the season without much risk of failure. Pkt., 15 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $2.00, prepaid.

Early Wonder Beet

164 An early variety, similar in type to Crosby's Egyptian. Globe shaped and very uniform in size, skin smooth, and flesh a deep blood red and extremely tender. It is admirably suited to the home garden and also on account of its earliness and super-fine quality, valuable to the Market Gardener. Good for spring or late summer sowing. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.00.



CHINESE OR CELERY CABBAGE
A well grown Pe-Tsai



EARLY WONDER BEET

Chinese Cabbage, Pe-Tsai

221 Pe-Tsai. This fine vegetable resembles Cos Lettuce. The head is large and compact, and all but the outer leaves blanch a creamy white. Very crisp and tender, and in every way adapted for the home garden. We have recently secured a much improved strain and recommend a trial. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

Dreer's Matchless Brussels Sprouts

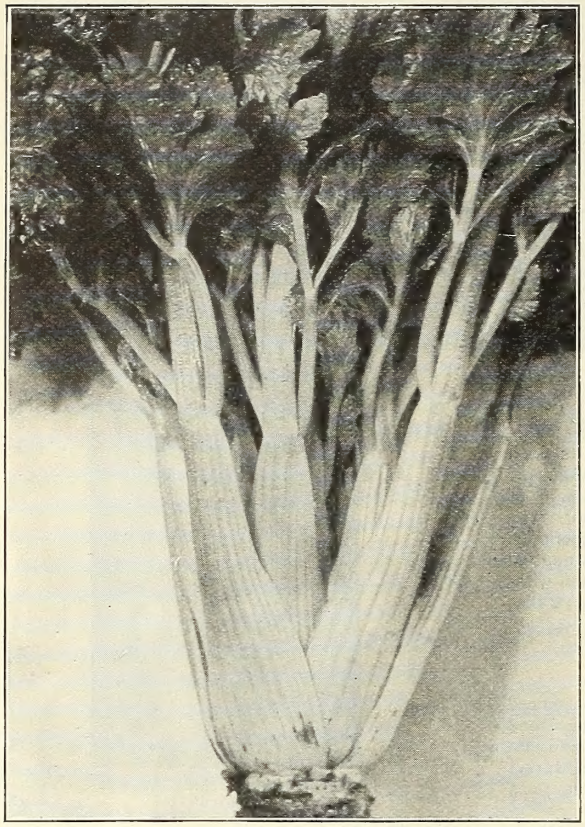
183 A selected Danish strain of this highly esteemed, hardy vegetable, grown for the sprouts which are produced along the stem, and are in the form of miniature savoys. The small spoon-shaped leaves wrap around one another and form solid round heads in large quantities, and which are tender and of fine flavor. The heads begin to form at bottom of stem, and when cut away additional heads will form in succession up to the top of stem. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

Golden Acre Cabbage

204 This excellent variety is the earliest round headed Cabbage. It will mature at least 7 days ahead of the earliest strains of Jersey Wakefield, considered the standard Early of the country. The heads of Golden Acre cabbage are perfectly round, firm, and of exceptionally fine texture, heavy mid-ribs being entirely absent. They average in weight about 4 pounds and produce very few outer leaves, permitting close planting in the row. Pkt., 20 cts.; ½ oz., 50 cts.; oz., 75 cts.; ¼ lb., $2.00.

Improved Rubicon Carrot

242 This beautiful half-long stump-root Carrot is about the same length as the well-known Danvers, but is cylindrical, and is rich dark orange in color, very sweet and mild. Remarkably clean-skinned, grows evenly and is easily pulled. Grows best in a soft, deep and mellow soil, which has been well manured. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.



GOLDEN PLUME CELERY

Golden Plume Celery

274 A large early Celery of superfine quality and appearance. Large heavy stalks with a full, solid heart of golden yellow, easy to blanch, a good keeper, and always of the crisp, brittle and nutty quality so much desired. Shows a marked resistance to blight, so often affecting the early yellow strains of Originator's Golden Self Blanching, offered on page 22, we consider the two finest Golden Celeries in cultivation. Pkt., 25 cts.; ¼ oz., $1.00; ½ oz., $1.50; oz., $2.50.

Golden Sunshine Sugar Corn

322 This valuable variety was developed and introduced by Dr. Yeager of the North Dakota Agricultural Experiment Station and has instantly sprung into popular favor. Of a rich golden color the ears are about one inch longer than Bantam, and have 12 rows instead of 8, while quality is fully equal to the latter sort. Most important, however, is the exceptional earliness of Golden Sunshine, for it is actually from 7 to 10 days earlier than Bantam. Originators stock. Pkt., 15 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., $1.00; 5 lbs., $2.25, prepaid.

Broad-Leaved Dandelion

401 The Dandelion until recent years had been known only as a troublesome weed, but it has now been so greatly improved that it is now recognized as a most healthful early spring vegetable, eaten either raw as salad, or cooked and served like greens. Our strain of Broad-leaved Dandelion produces large bushy plants, with broad, succulent leaves of a slightly bitter flavor. Quality is considerably improved by blanching the plants, which can be done by covering them with leaves or other litter, although boarding up like celery or covering with inverted boxes will give better results. Pkt., 15 cts.; ½ oz., 60 cts.; oz., $1.00; ¼ lb., $3.00.

Witloof Chicory, or French Endive

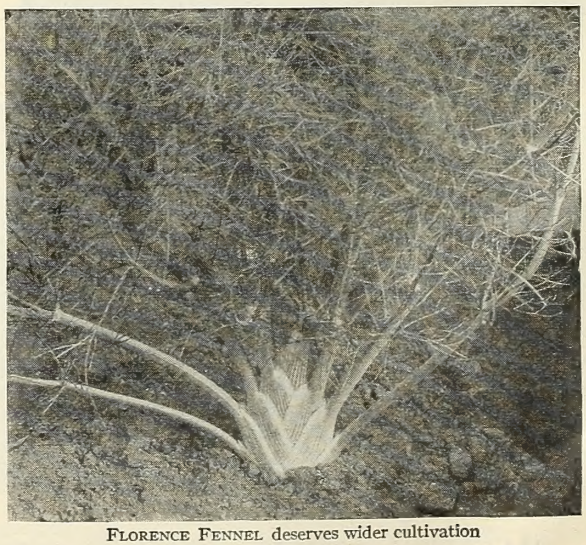
300 The last ten years have seen this salad make rapid strides in popularity among salad connoisseurs. While nothing excels well grown butterhead Lettuces, in quality as a salad, Witloof Chicory undeniably has a flavor not found in ordinary lettuces and it is this peculiar aromatic flavor which causes it to be so highly prized. Here are plainly written cultural directions easily followed.

Seeds should be sown outdoors in rows two feet apart just like those of any other root crop. As a matter of fact the cultivation of the plants is very much like that of carrots or parsnips, the young plants should be thinned out to stand 4 to 5 inches apart in the row, depending entirely on the richness of the soil. Cultivate like any other root crop, and if a seed stalk should appear here and there, simply cut it out.

Along end of October, before heavy frosts do damage, dig up the roots which in good soil will grow to be 12 inches long by 3 inches in diameter at the crown. They somewhat resemble a well grown parsnip. Cut off the tops to within an inch of the crown of the plant. Trim the roots at base so that altogether they do not exceed 8 inches in length. Secure a strong box 12 to 14 inches deep, laying it on the side and packing your trimmed roots in it layer fashion. Fill in with soil or sand and place in the cellar. Build up the sides of the box 6 or 8 inches and fill in with dry leaves, shavings, excelsior, or any other material of that sort. Water about once a week. Roots treated in this fashion about November 1st will yield beautiful creamy white sprouts of delicious salad in time for Christmas dinner. If when cutting care is taken not to cut into the crown, new shoots will be sent up by the roots throughout the winter. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Finnocchio, or Florence Fennel

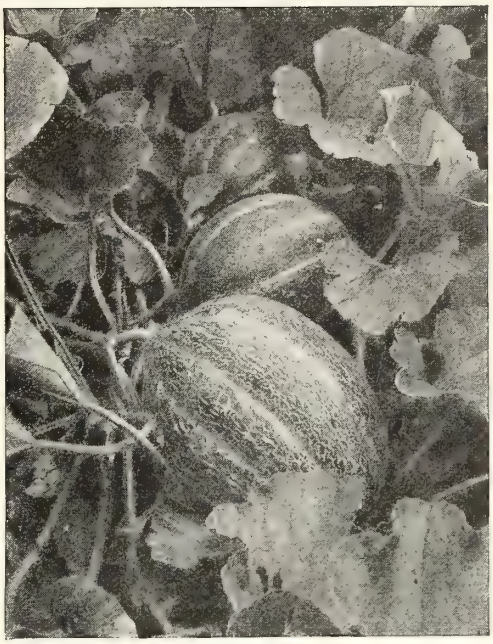
418 A delicious vegetable which should be more largely grown. It is extensively used in Italy as a salad, but is particularly palatable when served boiled, with a cream dressing. When the enlargement of leaf stalk, at base of stem (see illustration below), is about the size of a hen's egg it should be earthed up so as to cover half of it, and in about ten days cutting for use may be commenced and continued as the plants increase in growth. The flavor is somewhat like celery, but it has a sweet taste and delicate odor. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.



FLORENCE FENNEL deserves wider cultivation

Muskmelon Early Knight

495 Liberal producer of medium-sized melons of a truly delicious flavor and aroma. It is earlier than Rocky Ford and more oval in shape, with thicker netting. Its attractive appearance makes it distinctly suitable either for home use or for exacting markets. The vines make a healthy growth and produce a number of fruits which lie close to the centre of the hill as shown in illustration. Skin deep green turning to golden when ripe, flesh bright green blending to light pink near the centre. A splendid melon for the more northerly States, and it has our strong recommendation. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.



Early Knight or Sweet Air Muskmelon (Just as it grows)

Muskmelon Bender's Surprise

488 Enjoys a well deserved popularity in several northern sections. The vines make a strong and vigorous growth, which makes them remarkably disease-resistant and subsequently prolific of delightfully flavored fruits. The Melons are of large size, nearly round, and present a fine attractive appearance. The skin is lightly netted, of a pale green when ripe and the flesh a rich, deep orange color, fine grained with a very small seed cavity and of remarkable sweetness and spicy flavor. A good keeper and can be shipped long distances. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Ideal Yellow Globe Onion

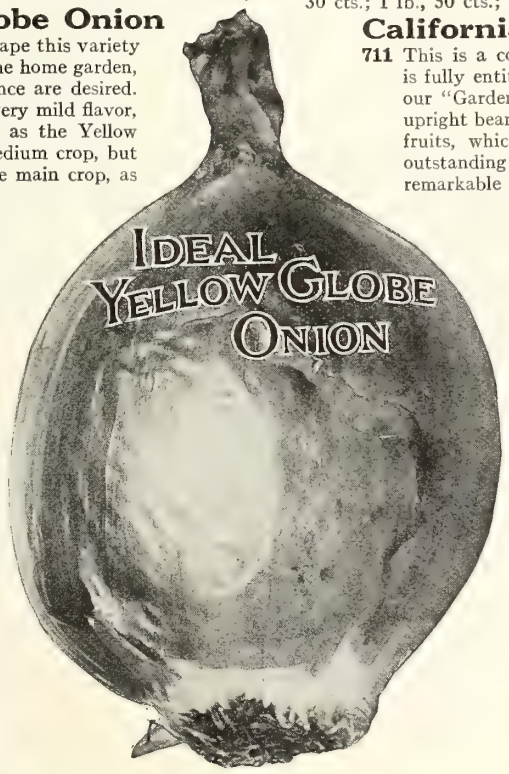
572 An exceedingly handsome yellow Onion of medium size. Its general characteristics stamp it as the best main-crop variety of its type, and we are pleased to offer it, feeling sure that it will fully satisfy all who desire to grow large Onions from seed. The bulbs are true globe-shape, with skin of a pleasing yellow color, flesh white and of a mild flavor and it is an excellent keeper. It is not the ordinary Southport Yellow Globe, but is superior, much more productive, and we especially recommend it for planting in the home garden. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

"The President" Pea

702 Here is a new introduction of outstanding quality, and which, we are sure will be well received by our many customers. "The President" produces a vine 20 or 22 inches high, strong and vigorous, and rich dark green in color, bearing straight dark green pods in profusion which measure 4¼ to 4¾ inches in length, always well filled with sweet flavored Peas. Peas are ready for picking in about 68 or 70 days and therefore it is a most valuable sort to plant along with Laxtons Progress, which can be picked 7 or 8 days earlier. A trial pound or two will return a very profitable crop. Pkt., 15 cts.; ½ lb., 30 cts.; 1 lb., 50 cts.; 2 lbs., 95 cts.; 5 lbs., $2.15, prepaid.

Southport White Globe Onion

584 On account of its uniform globe shape this variety is highly prized, particularly for the home garden, where quality as well as appearance are desired. The bulbs are pure white and of very mild flavor, also equally as good for keeping as the Yellow Globe. It is good for use as a medium crop, but most valuable when grown for the main crop, as the flesh is remarkably firm and solid. It is an enormous yielder, and as it is very attractive, always sells at high prices. It is best to dry these onions in a shady place, and give them plenty of air. Pkt., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $4.50.



California Wonder Pepper

711 This is a comparatively recent introduction and is fully entitled to space in this special section of our "Garden Book." The plants are sturdy and upright bearing six, seven or eight smooth, blocky fruits, which mostly reach immense size. The outstanding feature of the fruit, however, is the remarkable thickness of their sweet crisp fleshy walls, making them unequalled for stuffing or for salads, etc. They will keep for a long period after picking, too, and we are sure that Cal. Wonder will win the approval of all who see it. Pkt., 25 cts.; ½ oz., 65 cts.; oz., $1.00; ¼ lb., $3.00.

Dreer's Dwarf Perfection Parsley

600 Easily the most perfect strain of this fine and most valuable Parsley. The habit is regular and compact, and the exquisitely fine and prettily curled leaves are set so closely that the form of the plant is almost semi-globular. The color is a wonderful bright pea-green, and flavor surpasses all other Parsley. This variety combines the quality of a fine culinary herb with that of a beautiful decorative plant, and is equally valuable for garnishing purposes and border. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.50.

Dreer's Earliest White Olive Radish

818 The beautiful shape and quick growth make this Radish the most desirable of the white olive-shaped sorts. It may be grown in the garden, or used for forcing, and in either case will produce Radishes of a size suitable for use in a very short time. In fact we believe it to be the earliest white olive-shaped Radish in existence, and are quite sure that it will please all who plant it. The skin is an attractive, transparent ivory-white and the flesh sparkling white, very crisp, tender and juicy. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

SPROUTING BROCCOLI

"CALABRESE"

179 This is by no means a new vegetable, being commonly known in several European countries, and more particularly England and Italy, as "Asparagus Broccoli." Chiefly through the popularity of this vegetable with a number of the large metropolitan hotels, who secured their supplies from Italian market gardeners, its fine qualities have now become widely known and it is in big demand.

There are a number of strains of Sprouting Broccoli, but after analyzing our trials, extending over two seasons and covering a large number of different types, the above sort seems to be most suitable, generally speaking, for growing in this country.

Of easy culture, the amateur will experience no difficulty whatever in raising as many of the plants as he or she has room for. It can be grown for an early crop, starting seeds in hotbed or greenhouse in February or March and later transplanting the same as Cabbage, but we believe it is better grown for fall use, sowing seed in the open bed in May and transplanting later thirty inches apart each way. **One ounce of seed will produce about 2000 plants.**

Plants produce, growing from the centre, green heads somewhat in the form of a Cauliflower and measuring four or five inches across, although not of so compact a form. These are cut out and used before the flower buds open up, and then from the axils of the leaves there gradually will develop thick, fleshy, light green sprouts with buds similar in form to those removed earlier from the centre of the plants, but smaller, ranging from one to three inches across. Cut these with about five or six inches of stem and prepare for the table like Asparagus. They are tender and of a distinct and very agreeable flavor, and will be found a welcome change from the usual green vegetables. The sprouts should be cut regularly, and just as soon as sufficiently developed, otherwise they will soon flower and fail to produce further. Pkt., 25 cts.; ¼ oz., $1.25; ½ oz., $2.00; oz., $3.50.

New Ruby Radish

798 This variety does not attain a large size, but is very attractive and quickly forms the root to a condition suitable for eating. The shape is nearly round, and color of skin deep red; flesh white and very crisp. The tops are not large, and it is a good variety for forcing. Added to its beauty of form and color, together with good quality, is its extended season for use, as it remains in good condition for a long time. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Dreer's Improved Long-Standing Spinach

845 Most varieties of Spinach have the bad habit of shooting to seed before half of the crop has been disposed of, but the outstanding feature of the above sort is its remarkable long standing qualities. Leaves are a rich dark green, broad and pointed, and much crumpled, and a sowing of this variety every 3 or 4 weeks will insure a constant supply of this healthful vegetable. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 85 cts.

New Zealand Spinach

847 This should be more widely grown, as it stands all summer and produces a continuous supply of good quality leaves. Not related to the regular Spinaches but forms large, spreading plants, five to eight feet across, during summer and early fall, from seeds sown during April. Soak seed in warm water for a few hours before sowing. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Squash Table Queen or Des Moines

879 A splendid small, home garden variety of trailing habit. The numerous fruits are shaped as illustrated on page 44, about six inches long by about four inches thick through, deeply ribbed and tapering to an abrupt point. The skin is a very dark green, while flesh is a deep yellow, thick, dry, and sweet. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Dreer's Improved Long Standing Spinach

Marglobe Tomato

923 This fine second early, developed by the Bureau of Plant Industry, U. S. Dept. of Agriculture, produces large, smooth, meaty, globular red fruits, which ripen evenly, and are free from cracks. An extremely heavy cropper, immense yields of excellent fruits being reported from every region where tried. Especially valuable to those who are in districts troubled with rust and wilt, and particularly in the Southern States, as this strain is immune. Pkt., 20 cts.; ½ oz., 75 cts.; oz., $1.25; ¼ lb., $4.00.

Turnip Golden Heart Ruta Baga

988 No vegetable garden is complete without Turnips and this Ruta Baga is one of the best for late use, and for storing over winter. Unlike most of the sorts now being grown this root is green topped, nearly round with a creamy yellow flesh and very solid and of sweet flavor. Can be stored over winter in a cold dry cellar. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Vegetable plants of standard varieties offered on page 212

"Calabrese"
Sprouting Broccoli

SINGLE SPROUT
about actual size

DREER'S LAWN GRASS SEEDS

FOR ALL SOILS

FOR ALL SITUATIONS

MANY OF THE FINEST LAWNS ARE PRODUCED BY DREER LAWN GRASSES

DREER'S CELEBRATED LAWN GRASS SEEDS

OUR special brands of Lawn Grass Seeds are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country for making private lawns, and also on the grounds of many leading Country Clubs, Athletic Clubs, Schools and Institutions, etc. These Mixtures have long enjoyed an enviable reputation for their general excellence, and it will always be our aim to maintain their high quality by the use of only the finest recleaned Grass Seeds, as free from all impurities as the most modern machinery can make them. **Quantity of Lawn Grass Seed to Sow.** One quart is sufficient for 200 square feet; 6 bushels for an acre, or for renovating an old lawn use one-half these quantities.

The "Dreer" Lawn Grass

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose; some for making strong fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use this grass mixture. For the convenience of customers, we put this seed up in various-sized packages, from the single pint, which is sufficient to cover 100 square feet of ground, to such quantities as are required for seeding large lawns where six bushels of seed to the acre are required. Per pt., 30 cts.; per qt., 50 cts.; 4 qts., $1.50; peck, $2.75, prepaid. By express or freight at purchaser's expense, ½ Bushel (10 lbs.), $5.00; bushel (20 lbs.), $10.00; 100 lbs., $47.50.

Dreer's Shady Place Grass

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass Mixture, it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. In spring give a light reseeding, then a top dressing of finely screened soil or sand, together with Bone Meal. This will repair the damage done by the winter rains. Per pt., 30 cts.; per qt., 50 cts.; 4 qts., $1.50; peck, $2.75, prepaid. By express or freight, at purchaser's expense, ½ bushel (10 lbs.), $5.00; bushel (20 lbs.), $10.00; 100 lbs., $47.50.

Dreer's Terrace Grass

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully prepared combination of such grasses as will fill the requirements by making a quick growth of grass which will form a strong mat and present a good appearance. It will grow well anywhere, but it is best to enrich the soil with our sterilized Sheep Manure, or with Bone Meal, in order to provide nourishment to the young roots and give a vigorous start to their growth. Per pt., 30 cts.; per qt., 50 cts.; 4 qts., $1.50; peck, $2.75, prepaid. By express or freight at purchaser's expense, ½ bushel (10 lbs.), $5.00; bushel (20 lbs.), $10.00; 100 lbs., $47.50.

Other brands on next page.

Dreer's Leaflet on Lawn Making is mailed free of charge to any who are interested. Tells how to make and care for the lawn. Write for a copy.

THIS LAWN WAS PRODUCED FROM DREER LAWN GRASS SEED

LAWN GRASS SEEDS—Continued

"Seashore" Lawn Grass

A rich, green lawn is especially desirable at the seashore, but unless the right mixture of grasses and clover are used the result will be disappointing. Our Seashore Lawn Grass is composed of strong-rooted varieties which quickly produce a good turf. In preparing the land it should first be top-dressed with about four inches of good soil, as grass will not grow well in sand, but the seeds will quickly germinate in the top-soil and make strong roots, which reach down into the sand for moisture. In order to keep the seaside lawn in good condition it should be watered liberally every evening, and also have an occasional application of our sterilized Sheep Manure in order to keep up a vigorous growth. Per pt., 30 cts.; per qt., 50 cts.; 4 qts., $1.50; peck, $2.75, prepaid. By express or freight, at purchaser's expense, ½ bushel (10 lbs.), $5.00; bushel (20 lbs.), $10.00; 100 lbs., $47.50.

Dreer's "Golf Links" Grass

Prepared from a special formula, with the object of producing a thick turf that will stand the hard usage suffered by the average Fairway. For the Golf Course, Teeing Ground, Football and Polo Fields and other Athletic Grounds, or for the Lawn which has to withstand hard wear, this mixture will give perfect satisfaction. Per pt., 25 cts.; per qt., 40 cts.; 4 qts., $1.25; peck, $2.25, prepaid. By express or freight, at purchaser's expense, ½ bushel (10 lbs.), $4.00; bushel (20 lbs.), $8.00; 100 lbs., $37.50.

White Dutch Clover Seed

Forms a close, green herbage. Oz., 10 cts.; ¼ lb., 30 cts.; ½ lb., 50 cts.; lb., 95 cts., postpaid. For quantity prices see page 49.

Dreer's "Putting Green" Mixture

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the fine-bladed, low-growing and most hardy kinds, and maintain their rich, green color throughout the season. For Tennis Courts, Cricket Tables, and wherever a billiard table smoothness is necessary, this superfine mixture will give the desired result. Per pt., 45 cts.; per qt., 80 cts.; 4 qts., $2.50; peck, $4.75, prepaid. By express or freight, at purchaser's expense, ½ bushel (12½ lbs.), $9.00; bushel (25 lbs.), $18.00; 100 lbs., $70.00.

Southern Lawn Grass

It has heretofore, always been a difficult task, in warm climates, to keep the lawn attractive, but we can recommend this special mixture of Grass Seeds, peculiarly adapted by maturing at different seasons, for providing an all the year round green lawn in Southern States, subjected as they are to long hot summers. With this seed and given the usual attention in the way of watering and fertilizing, an excellent lawn may be maintained. Per pt., 30 cts.; per qt., 50 cts.; 4 qts., $1.50; peck, $2.75, prepaid. By express or freight, at purchaser's expense, ½ bushel (10 lbs.), $5.00; bushel (20 lbs.), $10.00; 100 lbs., $47.50.

Dreer's "Evergreen" Lawn Grass

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use only seed that has been thoroughly recleaned. Per pt., 25 cts.; per qt., 40 cts.; 4 qts., $1.25; peck, $2.25, prepaid. By express or freight, at purchaser's expense, ½ bushel (10 lbs.), $4.00; bushel (20 lbs.), $8.00; 100 lbs., $37.50.

Dreer's "Fairmount Park" Lawn Grass

This popular, low priced mixture is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. It will form a thick turf in a very short time and is well suited for lawns and other spaces having considerable hard wear. It is also valuable for use on embankments and terraces; also for renovating old, worn-out lawns. Per pt., 20 cts.; per qt., 35 cts.; 4 qts., $1.00; peck, $1.90, prepaid. By express or freight, at purchaser's expense, ½ bushel (10 lbs.), $3.50; bushel (20 lbs.), $7.00; 100 lbs., $32.50.

NOTE—We prepay transportation charges on Lawn Grass Seeds in quantities up to and including one peck. Larger quantities are forwarded at purchaser's expense

For Ninety-two Years a Standard for both Purity and Vitality among the Best Gardeners of this Country.

The Cultural Directions given in this book are for growing Vegetables in the latitude of Philadelphia. Persons living in a more Southern Latitude should start earlier, while those living farther north should begin to plant later.

Hotbeds and Cold Frames should be more generally used, even by those having small gardens. A leaflet on "Making and Care for Hotbed and Cold Frames," will gladly be mailed free to anyone requesting it when ordering.

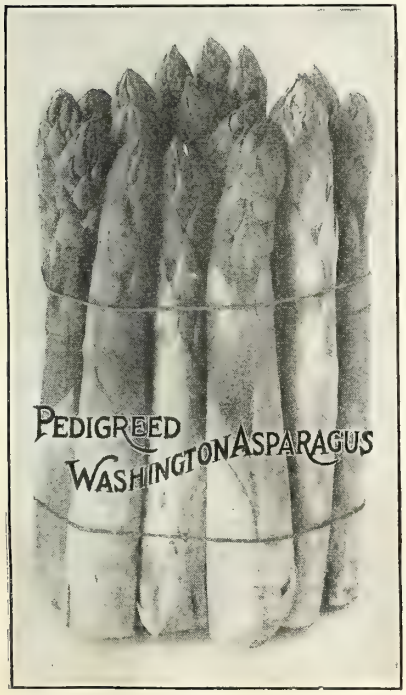
ARTICHOKE

Artichaut, Fr. *Alcachofa*, Sp. *Artischoke*, Ger.

1 **Large Green Globe.** The scales and bottom of flower head are eaten either boiled, or raw as a salad. The young suckers are sometimes tied together, blanched and served like Asparagus. The plants thrive best in deep, rich soil, and are set in rows 3 feet apart and 2 to 3 feet apart in the row. The crowns should be covered with coal ashes in winter to shed water, and over these a covering of leaves, held in place by earth or litter. When spring arrives remove leaves, but do not disturb ashes until signs of growth appear, after which the ashes should be spread out over the ground. Seeds may be sown indoors and plants potted same as the Tomato and set out in April or May, or can be sown in hills outside, and thinned out to one plant in hill. Pkt., 15 cts.; ½ oz., 50 cts.; oz., 90 cts.; ¼ lb., $3.00.

Artichoke Plants

Plants of Dreer's Selected Large Green Artichoke. Artichokes are not always satisfactory when grown from seed, owing to the numerous undesirable types thus produced. We have arranged to furnish plants of this variety, which is the best kind sold in the Paris market. Per doz., $1.50; per 100, $10.00; by express. **Ready April and May.**



ASPARAGUS SEED

Asperge, Fr. *Esparrago*, Sp. *Spargel*, Ger.

One ounce will produce about 200 plants, 4 to 5 pounds to the acre.

Leaflet on Asparagus Culture, giving directions for preparing the bed, planting, etc., will be mailed free on request.

14 **Pedigreed Washington.** The result of careful breeding, it grows large straight shoots, dark green in color with heavy overtone. The tips are tight and firm and do not open out or begin to branch until well out of the ground, making the finest kind of green Asparagus both for home use and market. It is nearer to being rust-proof than any other variety, and the large, luscious stalks will be greatly appreciated Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

12 **Mary Washington.** A special selection from Pedigreed Washington, being earlier and larger, and the stalks slightly oval in form. Produces large healthy seedlings, impervious to rust. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

8 **Dreer's Eclipse.** This variety is the result of a most careful selection, and "breeding up," to the large type, yet retaining that delicate light green color and tender quality desired. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.50.

4 **Argenteuil.** Stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

10 **Palmetto.** An early green variety, prolific and very good quality. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

6 **Conover's Colossal.** A large green variety, very tender. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Asparagus Roots

We can furnish the varieties listed in selected one-year-old roots. We are not handling two-year or older stock, the one-year-old roots are used by all experienced growers and are the best size for transplanting. See page 212.

— **Pedigreed Washington.** New rust resisting variety. 50 cts. per doz.; $1.75 per 100; $15.00 per 1000.

Other varieties (see page 212). 30 cts. per doz.; $1.00 per 100; $8.00 per 1000.

Haricots, Fr. **BEANS—Dwarf or Bush** *Habichuela*, Sp. *Bohnen*, Ger.

One pound will plant about fifty feet of drill

CULTURE—Plant any time after the weather has become firmly settled, say around middle of May in the latitude of Philadelphia. Most any soil will bear good crops, but well enriched sandy loam will give biggest returns per square foot. Sow seeds in rows 2 to 2½ feet apart, dropping the beans four inches apart in the row, covering about 2 inches deep. Hoe as soon as seedlings appear, and when they begin to form second or third pair of leaves, hill the rows slightly to support the plants. Repeat this hilling process as the plants grow larger, bearing in mind, however, that beans should never be cultivated while the bushes are wet with either dew or rain. For a succession of young, brittle pods, sow every other week up to August 1st.

59 Mammoth Stringless Green Pod. A very high quality green-podded sort, producing large pods, some of which measure 6 inches in length, of the finest quality. It is productive, bearing pods which are perfectly round, very fleshy and entirely stringless. Pkt., 10 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., $1.00; 5 lbs., $2.25, prepaid.

41 Masterpiece Forcing. A thrifty, healthy grower, producing an abundance of large green pods, which are straight, broad, thick and of excellent quality. We consider this the best variety for growing under glass, as it is a fast grower and matures the crop at an early season. Grown outdoors, Masterpiece will develop strings as it becomes old. Pkt., 15 cts.; ½ lb., 40 cts.; lb., 70 cts.; 2 lbs., $1.25; 5 lbs., $2.75, prepaid.

57 Stringless Green Pod. First pods ready for use within 65 days after sowing seeds. Remains tender and crisp a long time after reaching full size. Pods are pale green, long and round, meaty and of excellent flavor. The plants have a spreading habit of growth and produce large quantities of pods which are very uniform both in size and shape. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

Mammoth Stringless Green Pod Beans

20 Black Valentine. Of handsome appearance and for this reason it is very popular. It may be planted earlier than other varieties of Beans, as it withstands considerable cold, damp weather. The plants make a strong growth and produce a heavy crop of pods, which are dark green in color, long, straight and nearly round. Develops a little fibre unless gathered while young, when it is of fine quality. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

23 Bountiful. A most productive flat, green-podded, stringless bush bean which, under favorable conditions of soil and season bear one bushel of pods per 15 foot row, in the course of the season. They bear the bulk of the crop within 75 days from date of planting, the first picking being generally ready in sixty days. The pods average 6 inches long, by ¾ inches wide, are thick through, of pleasing light green color, very brittle and absolutely stringless at all stages of development. Pkt., 10 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., $1.00; 5 lbs., $2.25, prepaid.

28 Dwarf Horticultural. Pods large, color green splashed with red—mostly used for shell beans, but makes a good snap bean, being almost stringless. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

35 Dwarf Horticultural, French's. Produces an abundant crop of long pods which are splashed with crimson. The plants make strong erect growth and throw out some short runners. Useful for both snap and shell beans. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $1.95, prepaid.

52 Extra Early Refugee. Hardy and very productive. Pods are of medium size, light green and of good quality. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

50 Improved Extra Early Red Valentine. A standard extra early and always reliable. Pods ready for use within 45 days after sowing seeds. They are of medium size, round, slightly curved and of excellent quality. Our strain has been selected especially for earliness and good quality. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

38 Keeney's Stringless Refugee. A decided improvement over the old Thousand-to-one Refugee, which was somewhat stringy. The plants grow to large size and are very productive. The pod is thick, round, average five inches long, are slightly curved, light green in color, very brittle and of good quality, altogether, a splendid late sort. Pkt., 10 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., $1.00; 5 lbs., $2.25, prepaid.

BEANS—Continued

Wax or Yellow-Podded Varieties

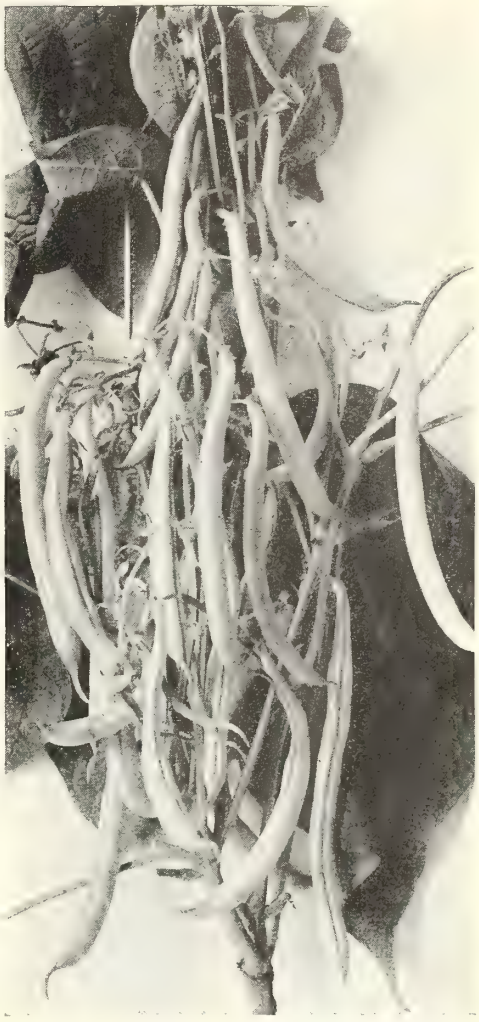
70 Dwarf Golden Carmine Wax (See Specialties, page 5). Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $2.00, prepaid.

65 Improved Black Wax or Pencil Pod. An extra fine, early Bean of the highest quality, and, characteristic of the black seeded varieties, may be planted earlier than seed of other colors, being very much hardier. Pods are long, round, nearly straight, positively stringless and of a clear yellow. Plants are very strong and bear abundantly and this is undoubtedly one of the most useful wax beans now offered. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

71 Improved Rust-proof Golden Wax. The vines grow erect and bear the pods well off the ground, thus preventing rust and rot. The pods average five inches long, are quite fleshy, straight, broad, flat and of a rich golden yellow color, stringless at all stages. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $1.95, prepaid.

79 Round Pod Kidney, or Brittle Wax. An early sort, with thick round pods of waxy yellow. Brittle and stringless. Pkt., 10 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., $1.00; 5 lbs., $2.25, prepaid.

76 Stringless Refugee Wax. A main crop variety, producing large, round pods, stringless and of excellent quality. Pkt., 10 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., $1.00; 5 lbs., $2.25, prepaid.



Improved Black Wax or Pencil Pod Beans

Improved Rust-proof Golden Wax Beans

84 Sure Crop Stringless Wax. It starts bearing within 60 days after seeds are sown. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and in common with most black-seeded varieties, is very hardy and may therefore be planted several days earlier than the light-seeded sorts. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $1.95, prepaid.

86 Unrivaled Wax. Ready for gathering within 65 days after seeds are sown. A robust grower, it withstands considerable rainy weather. The pods are light yellow in color, long, flat, slightly curved at the end, very fleshy, tender and of excellent quality. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $1.95, prepaid.

88 Wardwell's Kidney Wax. Most popular market variety on account of its handsome appearance and good shipping qualities. Long, flat pods of a delicate waxy yellow; stringless and brittle. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $1.95, prepaid.

90 Webber, or Crackerjack Wax. Of first quality, bearing long, flat broad pods, slightly curved and quite stringless. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

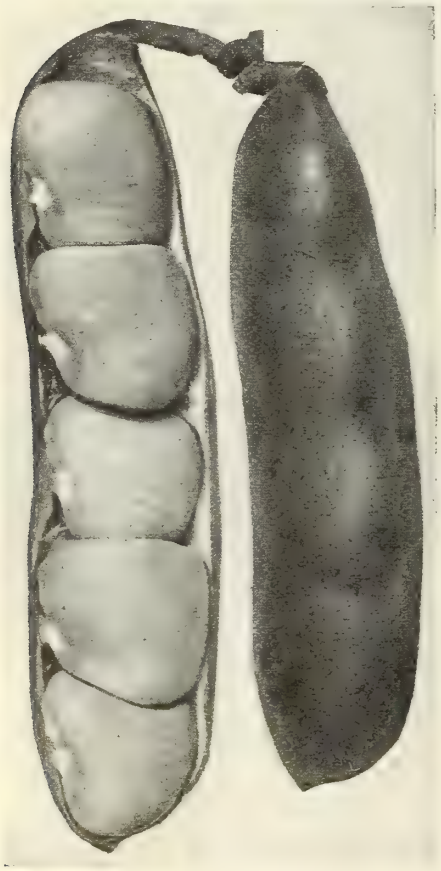
Dwarf Varieties of Shell Beans

Culture—Plant when ground is warm in spring and up to July 1st, in rows 2 feet apart and beans 3 inches apart, 1½ inches deep. Keep well hoed and draw the earth up to the stems, but only when dry, as working when wet with rain or dew will cause rust and injure the crop.

	PKT.	½ LB.	LB.	2 LBS.	5 LBS.
93 Boston Pea Bean (*Navy*)	$0 10	$0 25	$0 40	$0 65	$1 50
95 Red Kidney	10	25	40	65	1 50
97 White Kidney, or Royal Dwarf	10	25	40	65	1 50
99 White Marrowfat	10	25	40	65	1 50

BUSH LIMA BEANS

CULTURE—Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. Sow about the same time that maple trees unfold their first leaves. Being gross feeders, they should be sown on well enriched land, with the rows 2½ feet apart, dropping the bean six inches apart in the row, **eye down**. The two halves of the Lima Bean become its seedling leaves, and unless the Beans are placed "eye down" the young plants find it most difficult to push through the soil. Frequently the neck of the seedling is broken in the attempt which of course stands for loss of the plant. In light soil, cover about one inch deep, less on heavier soils. A good fertilizer applied at the rate of 20 pounds to every hundred feet of row, when the plants begin to bloom, will materially increase the yields. Hill plants slightly earlier in the season to hold the pods off the ground. **One pound will plant 50 feet of row.**



Fordhook Bush Lima Beans

103 Burpee Improved Bush Lima. The plant grows in dwarf form, strong and vigorous, producing large numbers of handsome pods, grown in clusters and well filled with Beans. Pkt., 15 cts.; ½ lb., 30 cts.; lb., 50 cts.; 2 lbs., 90 cts.; 5 lbs., $2.00, prepaid.

105 Dreer's Bush Lima. Comes in a week or ten days later than our Wonder Bush. The Beans are packed close together in the pods, producing usually four beans each, sometimes five, and are thick, sweet and succulent. An excellent variety, which is particularly valuable for the home garden on account of its productiveness. Note the results of the Experiment Station, printed below. Pkt., 15 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., $1.00; 5 lbs., $2.25, prepaid.

The Illinois State Agricultural Experiment Station at Urbana, Illinois, recently concluded trials of five varieties of Bush Lima Beans extending over five years and grown under every conceivable condition, and the *Dreer Bush Lima* shows by far the highest average in yield each year. The combined five year average yields for all these different treatments shows the *Dreer Lima Bean* producing a 51% greater yield than any other variety. *Write for Bulletin 307 addressing above Station.*

111 Dreer's Wonder Bush Lima. (See Specialties, page 5). Pkt., 15 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $2.00, prepaid.

107 Fordhook Bush Lima. This most excellent variety gains in popularity each succeeding year. It produces many large pods in clusters and each pod is well filled with 4 or 5 large beans, which are very thick through and of excellent flavor. A great seller on market, and a favorite wherever Bush Lima Beans are grown. Pkt., 15 cts.; ½ lb., 30 cts.; lb., 50 cts.; 2 lbs., 90 cts.; 5 lbs., $2.00, prepaid.

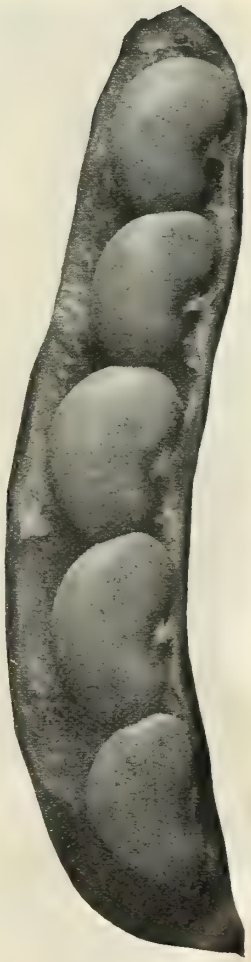
109 Henderson's Bush Lima. The popular Baby Lima. A bush form of Sieva or Small Lima type, which is largely grown by those who prefer the small size beans, and also in big demand for canning. The plants grow about 20 inches high and are very productive, bearing well filled pods, continuously throughout the season. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

POLE LIMA BEANS

CULTURE—Pole Limas are even more tender than the Bush type and should not be planted until toward end of May, or when all danger of frost is passed. Set the poles about 4 feet apart each way and plant 4 to 6 beans, eye downward, around each pole. When plants are up, thin out to 3 plants to a pole. Pinch off the ends when plants overrun the top of the poles. It is well to use a shovelful of rich, light, well-rotted compost to each hill. **One pound of seed will plant 75 to 100 hills.**

115 Carpinteria Lima. Vines are vigorous and make strong growth, producing large quantities of pods, usually containing four large Beans, which are thicker than the ordinary lima, and retain their pale green color even when in the dry state. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

122 Early Leviathan Lima. The earliest large podded Pole variety in cultivation and an enormous cropper. The pods average 5 inches long and contain 4, 5 and sometimes 6 medium sized flat white beans, which are of excellent quality. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.



Early Leviathan Pole Lima Bean

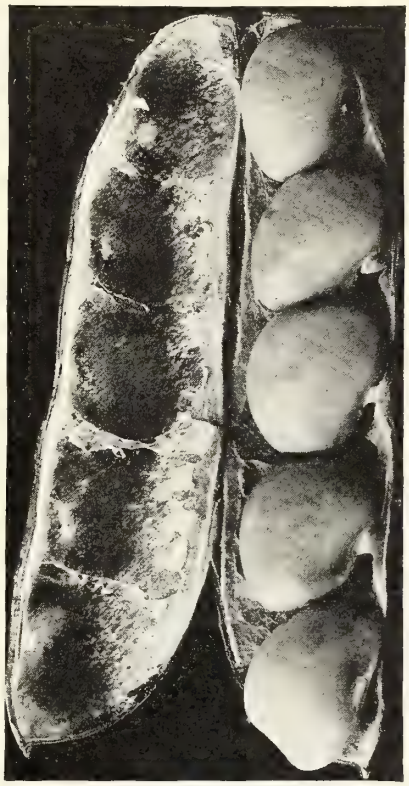
POLE LIMA BEANS
Continued

117 Dreer's Improved Pole. In some sections this variety is called Challenger, or Potato Lima. Pods contain 4 or 5 thick light green Beans, and shells out more Beans from a given number of pods than any other Pole Lima. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $1.95, prepaid.

119 Early Jersey. Matures a few days earlier than the King of the Garden, and is very productive. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

121 King of the Garden. An old standby of vigorous growth bearing large dark green pods with four to five large white beans of good quality. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

125 Small Lima, or Sieva. Poles literally loaded with well filled pods. Beans small and of fine flavor. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.



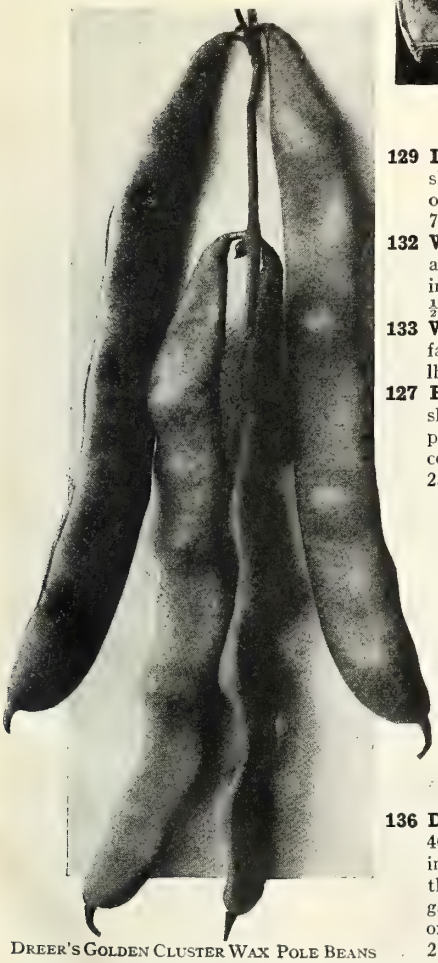
Dreer's Improved Pole Lima

POLE or RUNNING BEANS

CULTURE—In common with Pole Limas (see culture directions on page 14), these are rank growers and consequently rank feeders. Do not attempt to grow Pole Beans on poor, thin soil, but enrich the hills well with liberal quantities of well-rotted manure or humus. **One pound will plant 100 hills.**

Green Pod Varieties

128 Kentucky Wonder or Old Homestead. Combines size and quality in an extraordinary degree. Pods are generally borne in clusters of 2 or 4, individual pods averaging 7 or 8 inches long. They are deeply saddle backed, very fleshy and perfectly stringless at all stages of development. Kentucky Wonder matures the bulk of its crop in from 80 to 100 days. Where poles are not available, string supports should be provided since the vines are exceedingly rank growers, bearing exceptionally heavy crops. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.



Dreer's Golden Cluster Wax Pole Beans

129 Lazy Wife's. A late variety, excellent for snap-shorts or shelled. Pods about 6 inches long and are thick, meaty and of fine flavor. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

132 White Creaseback, or Best of All. Early, productive and fine quality; pods about 5 inches long and are produced in clusters. Should be gathered while young. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

133 White Dutch Case-Knife. Beans straight and flat, of fair quality. Good shell bean. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.; 5 lbs., $1.55, prepaid.

127 Horticultural, or Spreckled Cranberry. Grown for shell beans exclusively, for, unless used while quite young, pods show strings. Pods 5 inches long, pale green, but become streaked with red when mature. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

131 Scarlet Runner. Largely grown as an ornamental, for its attractive flower clusters. The shelled beans are quite palatable and serve the same purpose as shelled Limas in sections too cold to produce Limas. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

Wax Pod Varieties

137 Kentucky Wonder Wax. A yellow podded "Kentucky Wonder," which bears a large quantity of rich golden-yellow pods from the time the plant is about half grown until it is killed by frost in the fall. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

136 Dreer's Golden Cluster Wax. Introduced by us over 40 years ago. The handsome pods are 6 inches long by ¾ inch broad, and are borne in clusters of 4 to 6 and hang on the plants literally by the handsful. Those pods that are not gathered while young will ripen a very useful white product of dry shell beans. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

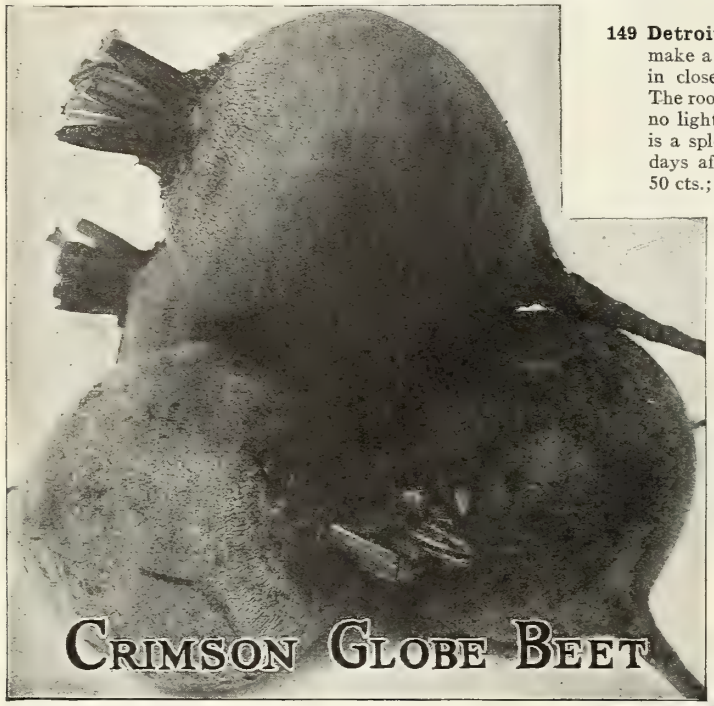
Kentucky Wonder or Old Homestead Pole Beans

BEETS

Betterave, Fr. *Remolacha*, Sp. *Rube*, Ger.

One ounce will sow 50 feet of drill; 6 lbs. for an acre.

One of the earliest vegetables the garden yields and one of the first to be sown or planted into the garden. For an extra early supply, sow seeds in a hotbed or cold frame by middle of March. Be sure to press the soil in firm contact with the seeds to insure prompt and even germination. By middle of April, plants will be 4 inches tall, when they should be set out in the garden in rows 18 inches apart, with the seedlings four inches apart in the row. For a continuous supply throughout the season, make the first sowing outdoors along middle of April and again every two weeks up to August 1st. To be most palatable, Beets should be eaten while quite young, when the bulbs average two inches in diameter, no more. To secure a good start outdoors, the gardener should always walk over the rows after the seeds are sown. To secure a uniformly well shaped product, seedlings should be thinned out to stand 3 to 4 inches apart in the row. Those that are pulled up will make good greens or may be transplanted into other rows.



149 Detroit Dark Red. A choice early variety. The tops make a small and upright growth, thus allowing of planting in close rows, a valuable feature where space is limited. The roots are globe shaped, skin and flesh a deep red showing no light zones. The Beets are sweet when cooked, and it is a splendid variety for canning. Ready for use within 60 days after sowing seeds. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

141 Early Bassano. An old-time excellent early, growing to a large size without getting "woody." Flesh is white and rose-colored, but is probably sweeter than any other Beet in our list. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

155 Early Eclipse. A well known and reliable early, one of the first to be ready for table and exceptionally sweet. Flesh is bright red with lighter zones. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

164 Early Wonder. (See Specialties, page 5.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.00.

"Vegetable Gardening" (*Kruhm*)
Written especially for the home gardener. Interesting and instructive. Price, $2.00, postpaid.

140 Bastian's Half-long Blood. An excellent variety particularly for fall or winter use. The roots are smooth, flesh bright red and the quality is very good. It is a splendid keeper, and for winter use the seed should be sown early in July. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $1.75.

142 Crimson Globe. This Beet is remarkable for its smooth skin and good shape. It is a second early variety, does not grow large and coarse, the matured Beets being medium in size and rather oblong in shape. The flesh and skin are both very dark and quality fine, being sweet and tender. We are confident that this Beet will please all who plant it. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

144 Crosby's Egyptian. Slightly later than the following sort, and not quite so dark in color. Ready while small and at all times tender and sweet. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

145 Crosby's Egyptian, Dreer's Special. This special selection is valuable both for the private gardener and the amateur, on account of its reliability to produce a uniform crop of best quality. In the production of this seed, selection is made for shape, extreme earliness, and high quality. The skin is very smooth, bright red and flesh-vermillion, very sweet and tender. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $1.75.

147 Dark-leaved Globe. A splendid type of the blood-turnip variety. Dark color of flesh and attractive shape combine to make it an exceedingly desirable sort. The quality is excellent. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

151 Dreer's Excelsior. Matures fully as early as any variety of turnip-shape Beet known, and grows to a uniform size and shape. The flesh is deep blood-red, remarkably sweet and tender, retaining all of its good qualities until quite large. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.00.

Sow Early Beet every two weeks, to insure a supply of tender roots

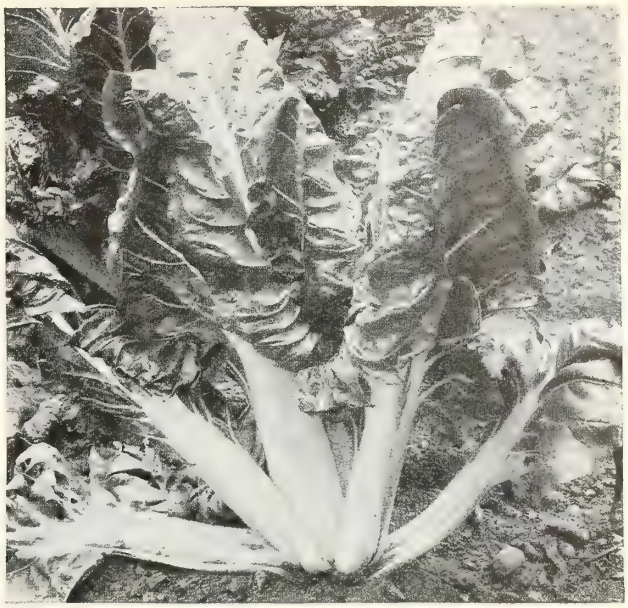
BEETS—Continued

152 Edmand's Blood Turnip. This fine second early Beet grows with a short top, skin dark red, flesh purple, slightly zoned and very sweet and tender. Pkt. 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

153 Extra Early Egyptian. A very early sort with roots rounded on top, but flat at bottom end. Flesh a very deep red with slightly lighter zoning, of good quality. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

157 Lentz. For those who prefer a light colored Beet, we recommend this variety. An extra early round Beet. Very attractive color, being a rich red with light zones. A good forcer under glass. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

159 Long Dark Blood. A good late variety. Roots grow about 8 inches long and tapering, have smooth dark red skin and the flesh is of good quality. Deserves wider popularity. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.



GIANT LUCULLUS SWISS CHARD

SWISS CHARD, or Spinach Beet

One ounce will sow 100 feet of row.

CULTURE—Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and when large enough thin out to stand 6 inches apart in the row. Continue sowings for succession crops, until the middle of July.

167 Giant Lucullus. Makes large curly leaves, which may be cut all summer, with thick light-colored mid-ribs, which are delicious when cooked and served like asparagus, while the leafy parts make excellent "greens." Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

169 Lyons. A choice variety, producing dark green curled leaves, with very broad, white mid-ribs. Fine appearance and splendid cooking qualities. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $2.00.

168 Swiss Chard, or Silver Beet. Produces large light-colored leaves, has a mild flavor and continues to grow all summer. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

Mangel Wurzel and Sugar Beets on Page 49

LONG ISLAND BRUSSELS SPROUTS

BRUSSELS SPROUTS

Chou de Bruxelles, FR. *Rosen Kohl*, GER. *Bretones de Bruselas*, SP.

CULTURE—Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand 1½ to 2 feet apart in the row. Cultivate same as Cabbages. **One ounce will produce about 2500 plants.**

183 Dreer's Select Matchless. (See Specialties, page 5.) Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

182 Long Island Half Dwarf. An American variety, thoroughly acclimated; dwarf, robust habit; will endure the climatic changes better than the foreign sorts, and much freer from mildew and aphis. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 80 cts.

BROCCOLI

Chou-Brocoli, FR. *Broculi*, SP. *Spargel Kohl*, GER.

Used in the same manner as Cauliflower and the method of culture is the same. It thrives best in rich soil and during cool weather, and is greatly aided in its growth by frequent hoeing and watering. Sow seed in hotbed in January or February and transplant into cold frames, 2 or 3 inches each way. Set out in open ground early in spring, about 2½ feet apart. To obtain the best flavor, Broccoli should be cooked soon after being cut. **One ounce will produce about 1500 plants.**

179 Calabrese, Sprouting. See descriptive matter regarding this fine vegetable on page 8, and full page photo opposite. Pkt., 25 cts.; ¼ oz., $1.25; ½ oz., $2.00; oz., $3.50.

180 White Cape. An excellent variety, forming heads of a creamy-white color and of good flavor. We have obtained an excellent strain of this, many heads being quite equal to Cauliflower. Pkt., 10 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., $2.50.

Plants of Brussels Sprouts offered on page 212

CABBAGE

Chou pomme, Fr. *Col repello*, Sp. *Kohl-Kraut*, Ger.

Sow one ounce for 2,000 plants, 6 ounces for one acre.

CULTURE—One of the few vegetables that American home gardeners may enjoy the year around and here is a program whereby to obtain a well balanced supply of firm heads of high quality. Toward end of February, sow seeds of either Jersey Wakefield, Copenhagen Market, or any other early variety, transplanting the seedlings into flats four inches apart each way as soon as they become large enough to be handled. Harden these by gradually giving them more air each day and set into rows 2½ feet apart with the plants about 2 feet apart in the row; cultivate freely and water regularly if the natural rainfall proves deficient. About April 1st or as soon as the soil can be put in good condition outdoors, sow seeds of the same varieties together with some summer sorts like All Seasons, Early Summer, Succession, etc. This planting will provide Cabbage from middle of July until late in the fall. About middle of May, sow seeds of late winter keeping varieties like Danish Ballhead, Dreer's Select Flat Dutch, and others, thinning out the plants to stand 4 inches apart in the row as soon as they are large enough to be handled. By July 1st, set these plants in rows 3 feet apart with the plants 2 feet apart in the row, cultivating and watering regularly. Should the white cabbage bug prove troublesome, sprinkle with slug shot, tobacco dust or Whale Oil Soap solution, in short, any safe remedy not containing arsenic or other poisons.

Copenhagen Market Cabbage

Early Varieties of Special Merit

204 Golden Acre. (See Specialties, page 5.) Pkt., 20 cts.; ½ oz., 50 cts.; oz., 75 cts.; ¼ lb., $2.00.

193 Copenhagen Market. This excellent variety can be depended upon for making large solid heads at an early season. The heads are grown upon a remarkably short stem, are solid and large in size, weighing 10 to 12 pounds, with light green leaves and of good quality. It is the largest of the early round-headed varieties, and its habit of growth allows of its being planted close together in the field or garden, thereby producing a larger number of heads to a given area, a feature which is very important in growing this vegetable. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., $1.75.

191 Charleston, or Large Wakefield. A week or ten days later but much larger than Early Jersey Wakefield and has all of the fine qualities of the latter. An excellent large early. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

206 Early Jersey Wakefield. Although the round headed sorts offered above are becoming increasingly popular, this old standard sort still has a host of friends, and continues to be the favorite with the majority of our customers. Thus we are extremely careful of our stock of this, and have confidence that our seed will produce early, solid pointed heads of splendid uniformity. Neither quality nor fine texture are lacking, leaves having very small midribs, which improve both appearance and flavor when cooked. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

208 Small Extra Early Jersey Wakefield. The earliest strain of the type, perfecting shapely narrow pointed heads, averaging 5 lbs. each within 90 days after seeds are sown. Of compact growth and heads very solid. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

For Second-early and Main Crop

185 All Head Early. The leading second early sort, large, uniform, very solid, and plants are of compact growth. It may also be planted late for fall and winter use, as it is a good keeper for a 110 day variety. A good kraut cabbage. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., $1.00.

187 All-Seasons, Selected (*Vandergaw*). A mid-season Drumhead with heads of the largest size and as its name implies can be planted either for early or late crop. A remarkably good keeper for a so early maturing variety. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

198 Dreer's Early Drumhead. Produces a good large, round head following Charleston Wakefield. A variety that stands summer heat well. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

214 Early Summer. A reliable second early, which matures about ten days after All Head Early. It makes a medium size, solid, flat head, with short outer leaves, which admit of close planting in the field, and is a good keeper. One of the best we offer. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

Golden Acre Cabbage

Strong Early and Late Cabbage Plants offered on page 212

CABBAGE—Continued

202 Glory of Enkhuizen. A very popular large round short stem second early sort, solid and of tender quality. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

212 Succession. A second early round somewhat flat headed sort, of very fine texture and quality. Comes in a few days after Early Summer, and is larger. Equally useful for both home and market garden. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

Late Winter Sorts

189 Autumn King, or World Beater. Latest of all. Heads large size, solid, of fair quality and keep well. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., $1.00.

195 Danish Ball Head. The leading late variety in many sections, and a fine sauerkraut cabbage. Heads average ten to twelve pounds, are round, fine keepers. The strong growth and its good quality makes it a most valuable Cabbage. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

196 Danish Roundhead. Another good sauerkraut variety, slightly earlier than Ball Head, with a shorter stalk, and very hard. The interior leaves are pure white and of sweet flavor. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

200 Dreer's Selected Late Flat Dutch. The heads are somewhat flattened and grow remarkably large, even and very solid, and the quality is unsurpassed. Makes a slow growth, but is a very hardy and sure heading sort for late use, as it can stand well into winter. A splendid keeper and will keep well until the following spring, in pits or frostproof cellar or outhouse. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.25.

PERFECTION DRUMHEAD SAVOY

Savoy Cabbage

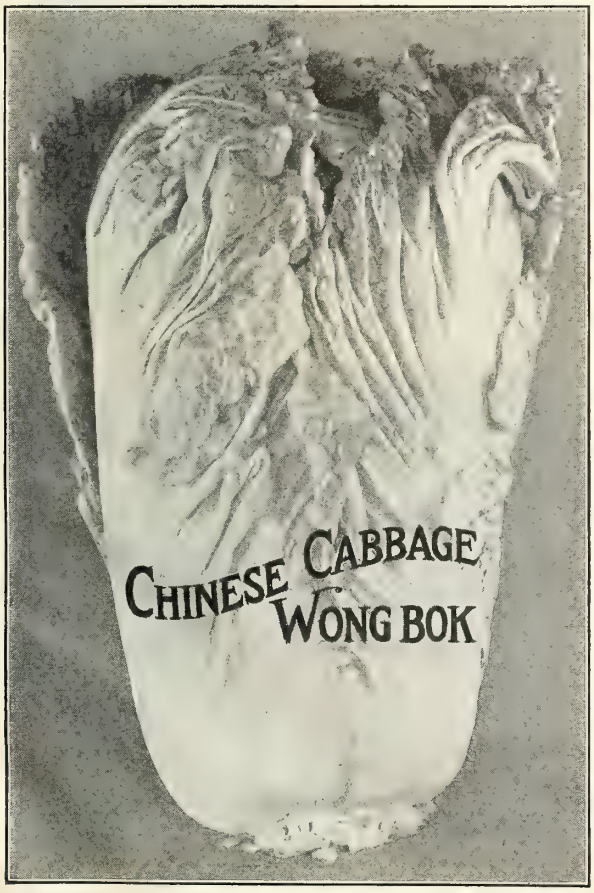
210 Perfection Drumhead Savoy. The largest solid heading Savoy and our strain is the best procurable. The plants are strong and vigorous, deep green and heavily savoyed and curled. In flavor, Savoy cabbage is quite unique, preferred by many connoisseurs to any other cabbage, and we highly recommend it. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

Red Cabbage

205 Haco Early Red. A small round early sort, ideal for the garden of limited size. Makes a very solid head of delicate texture. Pkt., 15 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., $1.75.

218 Large Red Drumhead. A large-heading variety chiefly used for "slaw" and pickling, solid and crisp. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

219 Mammoth Rock Red. The largest heading red cabbage and a sure-heading sort, round and solid. A favorite home pickling sort. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.



Chinese, or Celery Cabbage

Should be sown about August 1st, at the same time as Turnips, Spinach and other fall vegetables.

222 Wong Bok. It really is not a cabbage but a Mustard, forming a compact, elongated, tightly folded head. Weigh from 5 to 8 lbs. and are good all the way through. Delicious served as a salad with a French dressing, or like Cole Slaw, with Mayonnaise. The green portion of the leaves may also be served like Spinach, while the heavy midribs are very palatable like Swiss Chard, or Asparagus. Wong Bok is entirely self folding and the heads need no tying up or blanching of any kind. Should not be sown before August 1. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

221 Pe-Tsai. (See Specialties, page 5.) Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

Cardoon

Cardon, FR. *Cardo*, SP. *Kardon*, GER.

Culture—Sow seeds in open ground in early spring, directly where the crop is to mature. Have rows 3 to 4 feet apart, and plants standing 1 to 2 feet apart in the rows. Cardoon is sometimes grown in trenches in same manner as celery. The stalks must be bleached, like celery. The full-grown leaves are tied together while perfectly dry, wrapped in straw, and banked up with earth. The stalks will become fit for use in 3 to 4 weeks. Never allow plants to suffer from lack of water, applied to soil, as stalks will turn hollow and pithy.

225 Large Smooth Solid. A large variety with broad ribs. It grows about 4 feet high, and is almost free of spines. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

Strong Early and Late Cabbage Plants offered on page 212

CARROT

Carotte, Fr. *Zanahoria*, Sp. *Mohre*, Ger.

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.

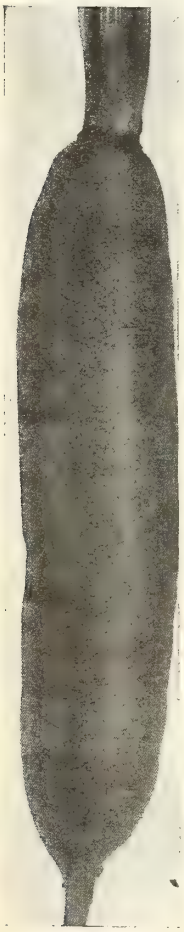
CULTURE—One of the few crops that will do well in all soils although a good deep, friable loam will produce the best looking roots. On light soils the color will not be as good as on richer, heavier soils containing more mineral elements. For an early supply, sow seeds of early sorts, like Dreer's Perfect Forcing, Oxheart, etc., as soon as the soil can be dug, placing rows 18 to 24 inches apart and thinning out seedlings to stand 2 to 3 inches apart in the row. Make repeated sowings every 2 weeks. For a winter supply, sow the larger growing firm fleshed varieties like Danvers, Rubicon, etc., any time during May. These varieties require all season to reach full size for winter storage. For a fall supply of crisp, tender roots, sow Chantenay any time up to July 15th. The very much larger stock varieties should be thinned out to stand 6 to 8 inches apart in rows, 2¼ to 3 feet apart. Varieties marked with a star are the best for stock feeding.

232 Chantenay. This is a large thick carrot, stump-rooted and slightly tapered towards the bottom and the skin is very smooth, orange-red in color, making it of very attractive appearance. The quality is most excellent, being very crisp, tender and of an extra fine flavor. Grow a few rows of this for winter use, as it will store well in a cool dry place. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

234 Danver's Half-long Orange. More extensively grown than any other. Of rich orange-red color, smooth and handsome, the 6 or 7 inch roots taper to a blunt point and are sweet, crisp and tender. Produces more bulk to the acre than the larger, longer varieties. This is also a good sort for the home gardener to grow, for storing over winter. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

240 Dreer's Perfect Forcing. Easily one of the most popular of the early carrots, equally useful for the outdoor garden as well as growing under glass. It is a fine, half long variety of most symmetrical shape, uniform size, and has a remarkably small top. Of attractive bright scarlet color, crisp, and with a singularly small core, so small in fact that in the young product it is hardly noticeable. It is not particular as to soil and yields splendid crops under ordinary home garden conditions, and is at its best when about the size illustrated below. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

Early Scarlet Horn Carrot



Dreer's Perfect Forcing Carrot

246 Earliest Short Horn (*French Forcing*). One of the earliest. Roots are almost globular in shape, about 2 inches long and deep through, of reddish-orange color and excellent flavor. Equally good for forcing under glass and for early or late sowing outdoors. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

244 Early Scarlet Horn. May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 2½ to 3 inches long, reddish-orange and good flavor. May be grown either in frames or in the open ground. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.25.

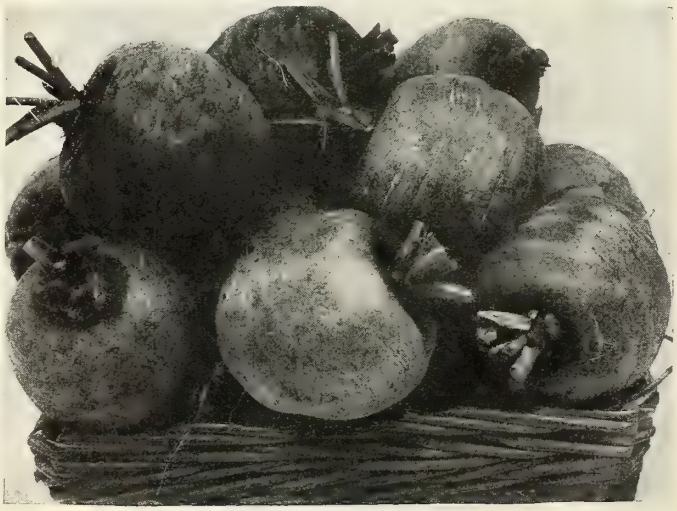
236 Guerande, or Oxheart. Good on soils too hard and stiff for longer-growing sorts. Root short, very thick and heavy, with small tap-root; flesh is a bright orange color, fine grained and of sweet flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.25.

242 Improved Rubicon. (See Specialties, page 5.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

252 *Large White Belgian. The roots are thick through, yielding a heavy crop. Reaches a length of 16 inches, and is grown only for stock feed. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

238 *Nichol's Improved Long Orange. Color deep orange, and when small it may be used for the table, but mostly grown to full size for stock feeding. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

248 *St. Valery. Intermediate between the half long and long varieties. Will grow about 10 inches long with broad tops tapering to a point. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.



Earliest Short-Horn Carrots

EARLY SNOWBALL CAULIFLOWER PRODUCES FINE UNIFORM HEADS

Chow Fleur, FR. *Coliflor*, SP.

CAULIFLOWER

Blumenkohl, GER.

One ounce of seed will produce about 2000 plants.

CULTURE—For earliest Cauliflower, raise plants by sowing in hotbed or greenhouse during January or February, and transplant to flats or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be a warm, very rich, fibrous loam, well supplied with humus and moisture. Copious water applications during dry weather, especially when the plants are heading, and light dressings of nitrate of soda and potash are of much help. Set plants 2 to 2½ feet apart each way. When the heads are formed and hard, they should be blanched by drawing leaves together and tying with raffia or strips of cloth. For late Cauliflower, to mature during the pickling season, start plants in open ground like late cabbages, and handle like that crop.

261 DREER'S Earliest Snowstorm. We have given this variety much care and attention, and the uniformly good results received by growers using our "**Snowstorm**" convince us that we have the very best and earliest strain of Cauliflower, both for forcing and for growing in the open ground. It has been used by our customers in all sections; and the report is alike from each. *"The best they ever grew."* It is a dwarf variety, with short outer leaves and can be planted close, 2 feet apart each way. It always makes a fine, large and exceedingly beautiful snowy white head, much earlier than any other variety, and is a sure prizewinner at Fair or Exhibition. Pkt., 25 cts.; ¼ oz., $1.75; ½ oz., $3.00; oz., $5.50.

257 Dreer's Selected Dwarf (*Erfurt*). Suitable for either forcing or open ground. It produces a solid pure white medium sized head, of excellent quality and is one of the most reliable for the amateur. Pkt., 20 cts.; ¼ oz., $1.00; ½ oz., $1.75; oz., $3.00.

256 Dry-weather or Danish Giant. For warm dry climates. Pkt., 25 cts.; ¼ oz., $1.75; ½ oz., $3.00; oz., $5.50.

260 Early Snowball. A very early variety, producing a magnificent head of snowy whiteness. Head is very compact, even and fine grained, forming very quickly and will keep in condition for a long time without showing discoloration. The outer leaves are erect tending to protect the young head from the hot sun. A most desirable strain of this fine vegetable, succeeding equally well either outdoors or in the hotbed. Pkt., 20 cts.; ¼ oz., $1.00; ½ oz., $1.75; oz., $3.00.

Late Cauliflower

The following four sorts are recommended for sections enjoying a long growing season and cool weather, as for instance, the Pacific Coast. Where conditions differ, as in most parts of the country, customers will do well to select any of the four previous sorts.

	Pkt.	¼ oz.	½ oz.	Oz.
255 Algiers	$0 15	$0 35	$0 60	$1 00
259 Half Early Paris	15	50	85	1 50
258 Lenormands	15	35	60	1 00
262 Veitch's Autumn Giant	15	35	60	1 00

Chicory

Culture—Sow seed in early spring as for Carrots, in rows 12 to 16 inches apart, and thin the plants to 4 or 5 inches. **One ounce to 100 feet of drill.**

299 Large Rooted. Roots are sliced, roasted and ground and used to mix with or as a substitute for coffee. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

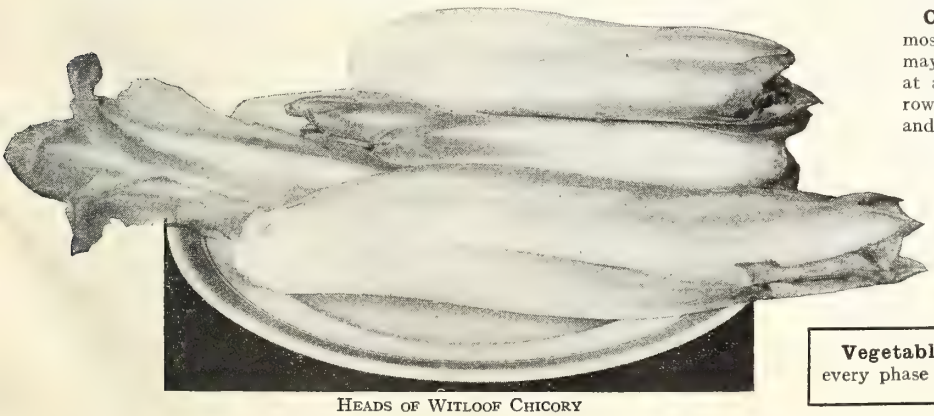
300 Witloof Chicory, French Endive. (See Specialties, page 6). Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Chervil

Cerfeuil, FR. *Perifollo*, SP. *Kerbel*, GER.

Culture—An easily grown and most useful vegetable. Curled Chervil may be sown in well prepared ground at any time during the spring. The rows should be about one foot apart and plants cultivated like parsley. The aromatic leaves are used for seasoning. **1 ounce to 100 foot row.**

296 Curled Chervil. Beautifully curled and crisp. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.



HEADS OF WITLOOF CHICORY

Vegetable Gardening. (*Watts*). Covers every phase of the subject. $2.50 postpaid.

Strong healthy Cauliflower Plants are offered on page 212

CELERY

Celeri, Fr. *Apio*, Sp. *Sellerie*, Ger.

CULTURE—For an early supply, sow seeds of early or self-blanching varieties in flats any time during February. Celery seed is of rather stubborn germination and to insure an even germination the surface of the flats should be kept constantly moist. It is also advantageous to cover the seeds with sand rather than soil because sand will not grow hard or bake. When young seedlings are big enough to be handled, transplant them into other flats, 2 to 3 inches apart each way.

Harden gradually and by middle of April set out plants in the garden in rows 3 feet apart, plants 6 inches apart in the row. Cultivate freely and water abundantly. The plants should give you Celery beginning middle of October and up to Christmas time. For a later supply start seeds of winter keeping varieties in a hotbed about middle of March to April 1st. Transplant as suggested above for the earlier sorts and plant out into the garden about June 1st, setting the plants two feet apart because the later varieties are more vigorous growers. To blanch gradually hill up the stalks taking care, however, that no earth falls into the hearts and do not work over Celery while wet. Boards pushed up against the row of both sides will serve the purpose where limited quantities are grown. As cold weather approaches, hill more or mulch with straw or leaves which should be weighted down with more boards or soil. For winter storage dig up the plants with the roots and place upright in well protected frames or store in a cool cellar where they may be packed quite closely. One ounce of celery seed will produce about four thousand plants.

The Early Kinds

267 Columbia. An exceptionally fine, early variety is of medium height, but very stocky. Stalks are thick, almost round, are of a rich, yellow color, and its fine flavor and crispness will please the most critical. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., $2.00.

270 Easy Blanching. An early variety and yet a sufficiently good keeper to prove useful during the winter months. Of compact, upright habit, making blanching very easy. The stalks are thick, white, very brittle and devoid of fibre. Pkt., 20 cts.; ½ oz., 85 cts.; oz., $1.50; ¼ lb., $4.50.

269 Emperor. A very special strain of late keeping Celery for winter use. Of dwarf type averaging 18 inches in height, with thick white stalks and large, solid, pale yellow heart. Very crisp, with no stringiness, and of splendid flavor. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

274 Golden Plume (see Specialties, page 6). Pkt., 25 cts.; ¼ oz., $1.00; ½ oz., $1.50; oz., $2.50.

278 Originator's Golden Self-blanching. (French-grown seed.) A select strain of early Celery, requiring but little blanching. The plants grow tall, and develop crisp, tender stalks of rich golden yellow. Pkt., 20 cts.; ½ oz., 85 cts.; oz., $1.50; ¼ lb., $4.50.

276 Golden Self-blanching. (American-grown seed.) An early sort, requiring but little labor to blanch. Heart rich golden yellow, with light yellowish green outer leaves. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., $2.00.

284 Perfected White Plume. Ready ahead of other varieties and unsurpassed for fall and early winter use. As the plants grow to maturity the inner-stalks and leaves turn white, thus making very little earthing up necessary. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

Easy Blanching Celery

Apple-shaped Celeriac

The Winter Keepers

These grow to larger size than the early kinds, require a longer growing season, but are also of firmer texture and consequently better keepers.

282 Giant Pascal. Unquestionably the standard of excellence, but it requires rich soil. The stalks are very large, thick and blanch a creamy white, solid, crisp and of rich nutty flavor. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.25.

280 Dreer's Monarch. Does well in many soils and sections, hence a great favorite throughout the country. Stalks large with bright golden-yellow heart; solid and of delicious flavor. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.50.

290 Winter Queen. Grows thick, broad, pale green stalks with creamy-white heart, and keeps well. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

283 Soup, or Flavoring Celery. Not for planting purposes, but seed is used for flavoring. Oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

Celeriac (Turnip-rooted Celery)

Culture—Handled exactly like Celery described above, excepting that no blanching is necessary. Celeriac is grown for the root only, which, boiled until quite tender and served cold with a French dressing is one of the most wholesome and most delicious salads imaginable.

292 Apple-shaped. Smooth round roots, solid and crisp. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.00.

294 Giant Smooth Prague. A very large and smooth variety. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.00.

Concombre, Fr. **CUCUMBER** *Cohombro*, Sp. *Gurken*, Ger.

One ounce will plant fifty hills; two pounds will plant one acre.

CULTURE—For very early Cucumbers sow April 1st, in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted without disturbing the roots. When ground becomes warm, set the pieces of sod holding the seedlings, into well prepared hills, and protect with pots or glasses until hardened. When the weather has become settled and warm, sow seeds in hills 4 to 6 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over. They succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen on the vines, plants stop bearing. For pickles, plant them from June until the middle of July. The yellow striped cucumber beetle is the most serious insect enemy of the crop. Bordeaux Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines. Dusting the vines with Slug Shot also constitutes a simple but effective remedy.

The White Spine Type

As a class this type brings us all the important varieties suitable for both slicing and pickling. All sorts offered below bear freely over a long period, if gathered regularly.

360 Arlington White Spine Forcing. A popular sort, bearing square ended fruits in profusion. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

369 Davis Perfect. A fine variety, with fruits long and slim, sometimes measuring 12 inches in length, and tapering to the ends; the color is a rich, dark, glossy green, which they hold until nearly ripe. It is very tender, brittle, very few seeds, and of fine flavor. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

371 Early Fortune. Vines of strong growth, producing abundant crops of Cucumbers, tapering in shape with a very dark green skin. The flesh is thick, seed cavity small and the quality is excellent. This variety is one of the best introduced in years. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

392 Improved Early White Spine (*Bennett's*). An excellent medium sized variety, which produces an early and very abundant crop. The fruits are straight, dark green with white spines, with pure white flesh solid and crisp. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

382 Klondike. A splendid slicing cucumber. The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

383 Longcu. A fancy Cucumber growing 12 or 13 inches in length, with rich deep green skin and few spines, and equal in appearance to the greenhouse product. Longcu is suited equally well to both outdoor and under glass production, and it is surprisingly early and can be picked along with Early Fortune, and other early slicing sorts. Pkt., 15 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., $1.75; lb., $6.00.

Collards

Chow Coba, Fr. *Cabu*, Sp. *Blaeterkohl*, Ger.

Culture—Sow and cultivate same as late cabbage. The crop of greens may be grown directly in the seed rows, or the plants may be transplanted and set two feet apart in the rows. Best after being touched by frost, which greatly improves flavor and tenderness. **One ounce will produce about 2000 plants.**

302 Creole or Southern. Grows 2 to 3 feet high, and forms bunches of tender delicate leaves slightly curled at edges. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Improved Early White Spine Cucumber

Extra Early and Pickling Varieties

With the exception of Long Green and Japanese Climbing, the following sorts are useful chiefly in that they bear large quantities of small fruits ideal for pickles. We offer them all at the uniform price of: **Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.**

363 Chicago Pickle. Small but very uniform in size, good color.

367 Early Cluster. Small, thick fruits, very early, uniform size and very prolific.

388 Early Russian. The smallest and earliest pickling cucumber we offer. Fruit 4 to 5 inches long.

373 Everbearing. Slightly larger than Early Russian, and will bear throughout the whole season.

377 Green Prolific. Small slender, good color.

379 Japanese Climbing. Will cover unsightly out-houses and fences, or will shade the rear porch very profitably. Bears an abundance of fruit.

384 Long Green. An all round excellent Cucumber good for both pickles and slicing.

375 Small Gherkin. Small almost round fruits covered with spines and used exclusively for pickles. Should be picked while young and tender.

390 Snow's Perfected Pickle. Very fine, uniform, square ended fruits and now one of the popular pickling sorts.

For Prices see top of column.

Snow's Pickle

English Forcing Cucumbers

For growing in hotbed or greenhouse exclusively.

393	**Best of All**	Packets of 10 Seeds 25 cents. 100 seeds $2.25
394	**Covent Garden Favorite**	
395	**Duke of Edinburgh**	
397	**Rochford's Market**	
399	**Telegraph**	

DREER'S "INDEPENDENCE" SUGAR CORN

Mais, FR. **CORN, SWEET OR SUGAR** *Maiz*, SP. *Mais*, GER.

One pound will plant 100 hills, or about 250 feet of row.

CULTURE—Seed is liable to rot if planted in cold ground. Yet if we have an early warm spell in spring, it may pay to take some risk, as often the plants, when once up, escape injury by frost. About middle of May plant in hills 3 feet apart each way, covering about 8 or 10 seeds half an inch and thin out to three plants to a hill, or plant in rows 3 feet apart, and thin out plants to stand 12 inches apart in the rows. For succession plant early sorts every two weeks up to July 15th.

The Early White Sorts

304 Adams' Extra Early. Can be planted earlier than any other, but is not a Sugar Corn, and is only good for table when young. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 55 cts.; 5 lbs., $1.35, prepaid.

307 Dreer's Aristocrat. A desirable extra early Corn, with ears 8 inches in length, with 8 to 10 rows of broad white grains of tender quality. This variety is very productive, usually bearing two handsome ears to each stalk. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

310 Black Mexican. Dry seed grains are almost black, but the edible ears are white and remarkably sweet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.; 5 lbs., $1.65, prepaid.

327 Dreer's Extra Early "Independence." On stalks averaging 3½ feet high, 2, 3 and sometimes 4 large ears are produced. These ears are 7 to 8 inches long, with 8, 10 or 12 rows of plump, milky grains of surprising sweetness. It matures in 60 days, and is a week or ten days earlier than White Cory, which has up to now been the best quality corn among the extra earlies. Pkt., 15 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., $1.00; 5 lbs., $2.25, prepaid.

326 Howling Mob. A large-eared second early variety. Ears measure 8 or 9 inches long with 16 rows of pure white grains. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.; 5 lbs., $1.65, prepaid.

332 Mammoth White Cory. One of the best large extra early varieties usually bearing two large white ears on each stalk, with 10 or 12 rows. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.; 5 lbs., $1.65, prepaid.

343 Stabler's Early. Of large size for an early variety, and of most delicious flavor. The grains are broad and very tender. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.; 5 lbs., $1.65, prepaid.

GOLDEN SUNSHINE SUGAR CORN

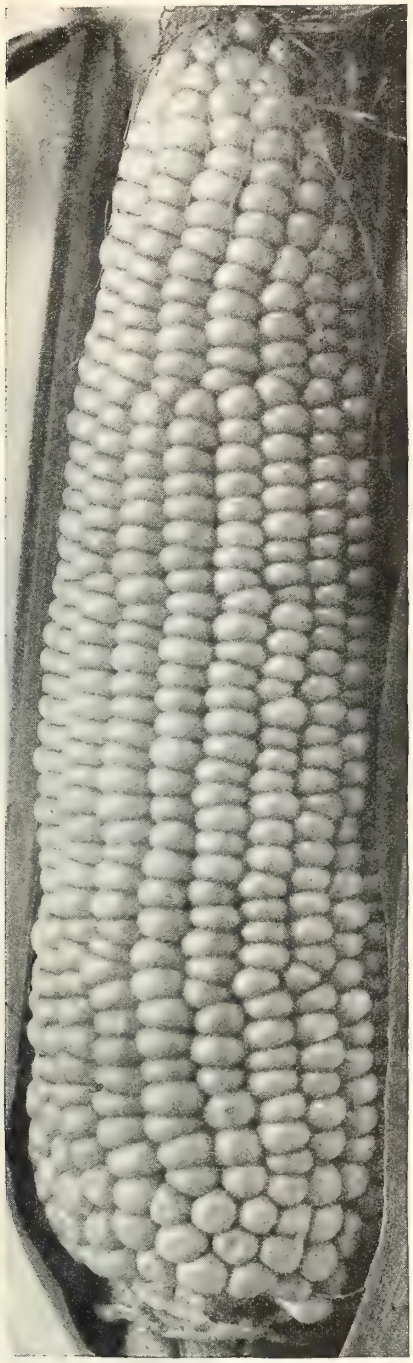
The Golden Yellow Kinds

318 Golden Bantam. Our extra selected strain produces ears measuring about 6 inches, holding uniformly 8 well-filled rows of broad, tender kernels of deliciously sweet flavor and tender quality. Now recognized everywhere as one of the finest for the home garden. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

320 Golden Cream. Sometimes called Golden Country Gentleman. A cross of Country Gentleman and Golden Bantam, taking on the character of the former variety, except in color, and combining the delicious qualities of both. The ears are ready for use within 85 to 90 days after seeds were sown. Grains are long and pointed, rich golden color when ready, but turn to light cream yellow when cooked. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

324 Golden Giant. A cross of Golden Bantam and Howling Mob. This is the largest of the yellow sugar varieties, the ears measuring up to 8 inches long. The cob is of small diameter, and contains twelve to eighteen rows of long, thick grains which cover the entire surface and are deep orange in color, extremely juicy and sweet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

322 Golden Sunshine. (See Specialties, page 6.) Pkt., 15 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., $1.00; 5 lbs., $2.25, prepaid.



EARLY EVERGREEN SUGAR CORN

CORN, SWEET OR SUGAR

Main Crop Varieties

313 Country Gentleman. The popular Shoe Peg Corn. Ripens about 110 days after sowing—a week later than ever-popular Stowell's. Ears medium size, deep grains in irregular rows on cobs and deliciously sweet, tender and milky. Now the leading canning variety, both commercially and for the home. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

315 Early Evergreen. Resembles the Stowell's Evergreen, with the same deep juicy grain and thin cob, but is ready for use about 10 days earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 8 inches long. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.; 5 lbs., $1.65, prepaid.

330 Mammoth Late. The largest late sort bearing ears, averaging 10 inches in length, with 16 rows of tender sweet grains. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.; 5 lbs., $1.65, prepaid.

347 Stowell's Evergreen, Improved. A well-known and popular sort. Always very productive, bearing fine large ears 8 inches long covered with deep grain, set in straight and even rows on a very thin cob. Remains in good condition, suitable for cooking, for a long time. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

Pop-corn

	Pkt.	½ lb.	1 lb.	2 lbs.
351 Queens Golden	$0 10	$0 20	$0 35	$0 60
352 White Pearl	10	20	35	60
353 White Rice	10	20	35	60

Prepaid

Sweet Fodder Corn and Field Corn, page 49

COUNTRY GENTLEMAN SUGAR CORN

Corn Salad

(Fetticus)

Mache, FR. *Canonigos*, SP. *Stechsalat*, GER.

Culture—A very fine and distinct salad, and both leaves and stems are used. This forms with the outer stalks of Celery, a delicious mixed salad. Sow in spring in drills 1 foot apart; it will be ready for cutting in six or eight weeks. For winter and early spring use, sow in drills in August and September. **Three ounces to 100 feet of drill.**

355 Large Seeded. Vigorous grower, producing large healthy plants with round light green leaves. Makes excellent salad, and the whole of the plant can be used. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Cress

Cresson, FR. *Berro o Mastuerzo*, SP. *Garten Kresse*, GER.

Culture—Easily grown during winter on the greenhouse bench, in frames, pots or boxes. Splendid for salad, garnishing or as an addition to lettuce. Sow seed thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. **1 oz. to 75 ft. row.**

357 Extra Curled, or Peppergrass. Small finely curled leaves having a very agreeable flavor. Much used in combination with White London Mustard and is used in salads or for garnishing. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

358 Upland Cress. Has the flavor of Water Cress, and will grow in any good soil. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

359 Water Cress (*Brunnenkresse*). Requires a stream of running water, ditch or pond, in which it will grow without care, or a shady situation which should be liberally watered. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

Aubergine, Fr. *Berengena*, Sp.

EGG PLANT

Eierpflanze, Ger.

One ounce will produce about 1000 plants

CULTURE—Egg Plant seed requires a higher temperature for germination than any other vegetable, and this temperature should be maintained right along in order to maintain strong and healthy growth. Sow the seeds in hotbeds, early in March. When 3 inches high, pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in May or June. The soil can hardly be made too rich. Set the plants in open ground, allowing 3 feet space between the rows, and 2 feet space between the plants in the row. Watch for the potato beetle. This pest, as well as blight, may be controlled by spraying with Bordeaux Arsenate of Lead Mixture or by dusting the plants with Slug Shot.

404 Early Black Beauty. Spineless, with rich purplish black skin; very attractive and of best quality. This beautiful Egg Plant is an improvement over the well-known and largely grown New York Improved Large Purple, but more exacting than that standard, in calling for rich, warm soil. The plants are remarkably healthy in their growth and produce an abundance of large fruit, earlier than the New York Improved. The favorite sort for show purposes. Pkt., 15 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., $2.00.

407 New York Improved Large Purple. Produces the fruits in great quantities, plants averaging from 4 to 6 fruits each. They are large, nearly round, dark purple, free of thorns and of excellent quality. Pkt., 10 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., $2.00.

406 Early Long Purple. Earliest, hardiest and very productive. The fruits are long and of good quality, measure 6 to 10 inches long and best for very early use. Flavor is probably finer than the two large sorts offered above. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., $1.75.

Black Beauty Egg Plant

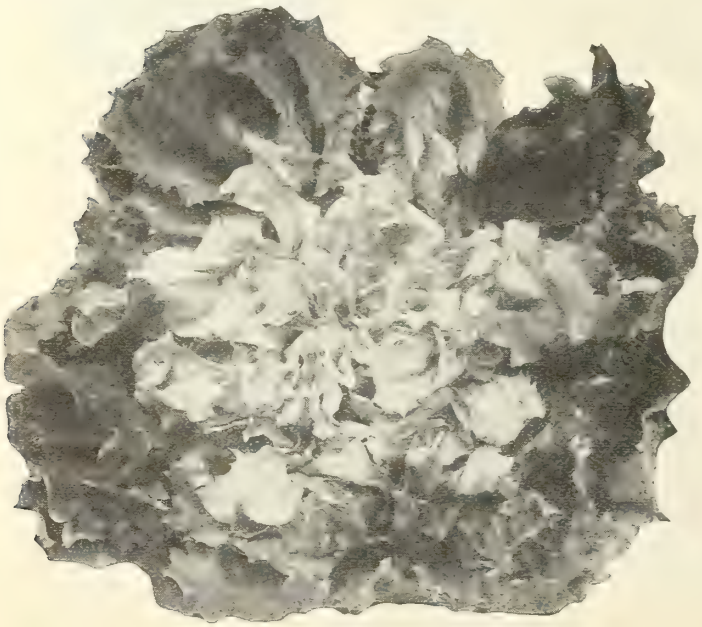
ENDIVE

Chicoeer, Fr. *Endibia o Escarola*, Sp. *Endivie*, Ger.

One ounce of seed to 200 feet of row.

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or for late use in June or July. When 2 or 3 inches high transplant into good ground or thin out to 1 foot apart. When nearly full grown and before they are fit for the table they must be bleached. This is done by gathering the leaves together and tying with yarn or raffia to exclude the light and air from the inner leaves which must be done when quite dry or they will rot. Another method is to cover the plants with boards or slats. In three or four weeks they will be blanched. After a shower the boards must be taken off or the plants untied, to allow drying.

410 Broad-leaved Batavian (*Escarolle*). A favorite salad variety, with wide, wavy leaves edges of which are cut and irregular. Inner leaves blanch nicely to a creamy-white, tender, and of very agreeable flavor. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.



Broad-leaved Batavian Endive

412 Dreer's Giant Fringed. A strong growing variety with a large white heart and broad stems; good for fall and winter. On account of the beautifully curled leaves this variety is used freely for garnishing. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.

414 Green Curled Winter. Standard sort for fall and winter crop. Very hardy and vigorous. Easy to blanch. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

416 White Curled (*Self-blanching*). Plants 14 to 16 inches across, leaves pale green, finely cut, crisp and very tender. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

418 Finocchio, or Florence Fennel. (See Specialties, page 6.)

French Endive. (See Witloof Chicory, page 6).

Garlic (See page 33.)

Dandelion

Pissenlit, Fr. *Amargon*, Sp. *Loewenzahn*, Ger.

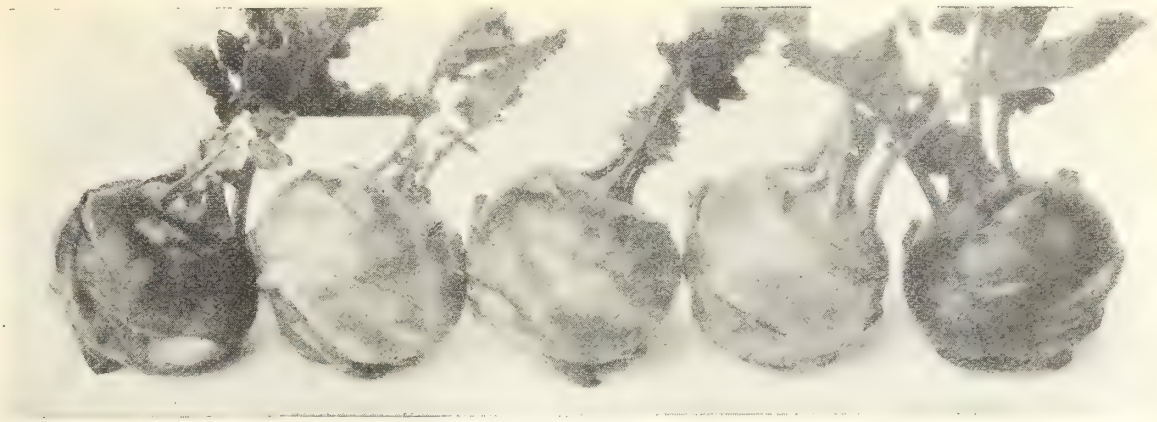
One ounce to 100 feet of row.

Culture—Sow seed in good clean loam, in drills 1 foot apart, and thin to 10 or 12 inches apart in the rows.

401 Broad-leaved. (See Specialties, page 6). Pkt., 15 cts.; ½ oz., 60 cts.; oz., $1.00; ¼ lb., $3.00.

402 Common. Yields an abundant supply of large succulent leaves. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

Plants of Egg Plant are offered on page 212



KOHL-RABI—End bulbs are Early Purple, with Earliest Erfurt between

Chou Rave, FR.
Colde Nabo o Nabicol, SP.

KOHL-RABI

(Turnip-rooted Cabbage) *Kohl-Rabi*, GER.

CULTURE—This turnip-rooted member of the Cabbage tribe is far superior to turnips in both flavor and keeping qualities. It will never grow bitter and it is of far more delicate flavor. As early in the spring as the ground can be put in good garden condition, sow it in rows like Radishes, Carrots or any other root crops. Thin the seedlings to stand 4 inches apart in the row, allowing 18 to 24 inches between the rows. The product is ready for use when the bulbs average 2 to 2½ inches in diameter. The thick outer skin should be removed before boiling. Serve just like Turnips. One ounce of seed will sow a drill of about 300 feet.

427 Earliest Erfurt. A white, tender variety, with smooth root and very short top; the best variety for outdoor culture as well as excellent for hotbed or greenhouse culture. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.

431 Early White (or Green) Vienna. Flesh white and tender, a standard sort for table use. Has a very short top and forms the root quickly. A most dependable variety on all soils. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 75 cts.

430 Early Purple Vienna. Skin purple, but flesh white and of good flavor. As early as the white and more heat resistant, hence recommended for sections where turnips turn bitter. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.

KALE, or BORECOLE

Chou Vert, FR. *Breton*, SP. *Blatterkohl*, GER.

Culture—Excellent greens for winter and spring use and improved by frost. Sow from May to June, in drills about 1½ feet apart, and cultivate same as Cabbage. For early spring use, sow in September, and protect during winter. The varieties are so hardy that the green leaves may be dug out from under the snow in winter and used for greens. One ounce of seed will produce about 3000 plants.

422 Dreer's Imperial Long Standing Kale. A beautifully curled sort, of vigorous spreading habit, hardy, attractive appearance, bright green color and very productive. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.00.

420 Dwarf Green Curled. Leaves curled, brilliant green. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.75.

424 Dwarf Curled Scotch. Leaves bright green, curled, very tender and fine flavored; an excellent sort. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.75.

425 Sea Kale (*Crambe Maritima*). A perennial which should be grown and cultivated like rhubarb. Edible parts are the young, strong shoots that come up in early spring. When blanched, they are cooked and served like asparagus, or the leaves may be used as greens. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., $2.00.

GIANT CARENTAN LEEK

Poireau, FR.
Puerro, SP.

LEEK

Lauch, GER.

Culture—Greatly valued as a standby for soups and salads. Sow in April in drills 1 foot apart, and when 6 to 8 inches high, transplant in rich soil, in rows 12 inches apart and 4 inches apart and draw the earth to them as they grow. Seed may also be sown in August or September; plants transplanted in the spring. One ounce will sow 100 ft. of drill.

438 Dreer's Prizetaker Leek. A fine large variety of great merit, very mild and tender. They grow long and thick, and are pure white in color. A very popular exhibition variety. Pkt., 10 cts.; ½ oz., 20 cts.; 1 oz., 30 cts.; ¼ lb., $1.00.

433 Giant Carentan Leek. Produces a large thick stem, of mild flavor. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.

437 Musselburgh Leek. Grows to a very large size, with broad leaves. It is hardy and highly esteemed for exhibition. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Our Celebrated Lawn Grass Seeds are offered on pages 9 and 10

DREER'S ALL HEART LETTUCE—A sure header

Laitue, FR. **LETTUCE** *Lechuga*, SP. *Lattich, Salat*, GER.

CULTURE—Every home garden should hold quantities of this best of all salad plant, and with the proper selection of varieties suitable for different seasons, a steady supply may be maintained from late May until end of October. For the earliest supply sow seed of Loose-leaf and early Butterhead varieties like Dreer's All-Heart, under glass or indoors in boxes about March 1st. Sow thinly and when the young seedlings are three inches tall, transplant 3 to 4 inches apart each way in another seed flat or box. As soon as the ground can be put in good garden condition, these plants should be set out in rows 18 inches apart, the plants 4 to 6 inches apart in the row. For a succession sow seeds of Midseason Butterheads, Crispheads and Cos Lettuce right in the open ground around middle of April. All lettuces to head properly, must be thinned out to stand from 6 to 10 inches apart in the row. As the heads develop, every other one should be cut out to give the rest a chance to expand. During July, sow early Butterhead varieties again, for a fall supply. **One ounce will produce about 3000 plants.**

"Loose Leaf" Varieties

These do not form heads but large plants of loose leaves which are quite brittle and tender early in the season.

460 Grand Rapids Forcing. It matures quickly and is of a large size, handsome appearance; crisp and tender. The leaves are bright green and crimped at the edge. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

442 Black-seeded Simpson. Produces a compact mass of broad leaves, light yellowish-green in color. Extra fine quality. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

452 Early Curled Simpson (*Silesia*). One of the oldest, and quite familiar in American gardens. Forms a close, compact mass of light green crumpled leaves; excellent forcer. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Early "Butterhead" Varieties

"Butterhead" Lettuce is the basis of all high quality salads.

440 Dreer's "All Heart." The name is truly descriptive, because the few loose outer leaves cause the heads to be almost entirely solid hearts. While suitable for summer use in cool sections, it is pre-eminently an early spring variety. The heads are of delicate yellowish-green color, making it most attractive. The flavor is excellent and in crispness it surpasses the majority of other butterheads. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

446 Big Boston. More extensively grown than any other variety in this class. It is early and hardy, and color is medium light green, with a slight tinge of brown on margins of outer leaves. Very desirable for forcing and also for spring and fall outdoor planting. Of good quality, being crisp, tender and of fine flavor. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

443 Black-seeded Tennisball. Forms a close head of good quality, with few outer leaves. It is a true butterhead lettuce, grows to medium size and does well in spring and early summer. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

448 Boston Market (*White Seeded Tennisball*). A well known forcing sort, producing crisp medium sized light green heads with outer leaves tinged with brown. Good both under glass and outdoors. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

482 Early White Cabbage (*White Butter Lettuce*). A well known sort, of medium size and color, making firm heads of crumpled leaves. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

468 May King. Very early, and being hardy will stand considerable cold, damp weather. It can be planted out of doors or under glass, and in either case will produce fine, solid heads, very attractive, outer leaves being yellowish-green, tinged with brown, while inside it is richest golden-yellow. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

474 Salamander. A medium green, medium sized sort which always heads up well and does well under almost any weather conditions. Leaves crumpled and of fine tender quality. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

477 Sensation. Forms close, hard heads, even in an early stage of growth, under any ordinary weather condition. Color is a pale yellowish-green, and the quality very fine. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

BIG BOSTON LETTUCE

Strong Lettuce Plants are offered on page 212

LETTUCE—Continued

The Midseason Butterheads

For a continuous supply of high quality salads any of the following sorts should be sown *at the same time* as the earliest sorts and *again 2 weeks later.*

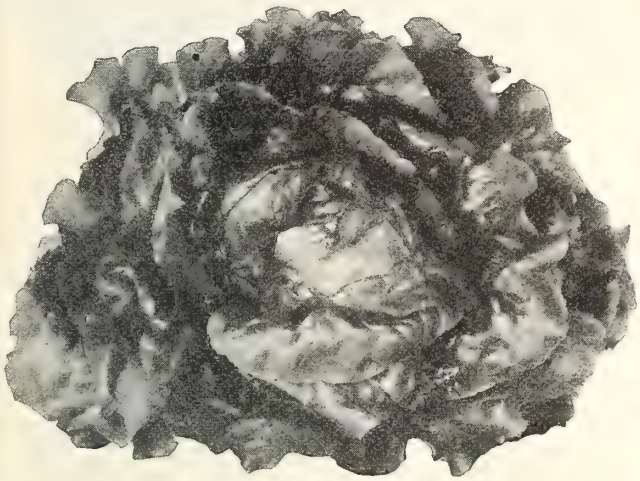
450 California Cream Butter. Produces a large solid head and withstands most adverse weather. The leaves are thick, dark green tinged with brown and spotted. The interior of head is rich golden-yellow and quality very fine. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

458 French Unrivaled. A handsome early Butterhead of extra choice quality. Will perfect closely folded heads, with golden hearts, within sixty days from sowing seeds. An all season variety for cool sections, but best for spring work, in the latitude of Philadelphia. Originators imported seed. Pkt., 10 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., $2.00.

454 Improved Deacon. A well known summer cabbage head; very crisp, large and while of rather "forbidding" green color and thick texture outside, holds a "Heart of gold" of choicest quality. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

475 Mammoth Salamander. Similar to Salamander described on previous page, but much larger, and leaves probably smoother. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

SALAMANDER LETTUCE



FRENCH UNRIVALED LETTUCE

The Crisp Heading Varieties

462 Dreer's Improved Hanson. Although introduced by us over fifty years ago, this Lettuce is still the prize winner of this type, and the fact that it is still offered by the leading seedsmen of the country is proof of its sterling qualities. It reaches a large size, with light green, curled leaves with fringed edges enclosing a white heart of remarkable solidity. Crisp and brittle all over, and free of the flat watery taste which some crispheads unfortunately have. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

483 Dreer's Wonderful. Sometimes called "New York" or "Los Angeles Market." An extremely desirable variety, for all sections since it withstands extreme heat and forms perfect heads, of enormous size, which resemble cabbage in their solidity, measuring from 12 to 15 inches across and frequently weighing 2 to 3 pounds each. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

464 Iceberg. The outer leaves are light green in color, tinged with brown, and their habit of branching towards the centre of head is a great aid to the blanching of heart. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

470 Mignonette. Heads small, compact; leaves curled, and edges tinted brown. Though of unattractive appearance, this is one of the surest "headers" and of particularly sweet quality. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

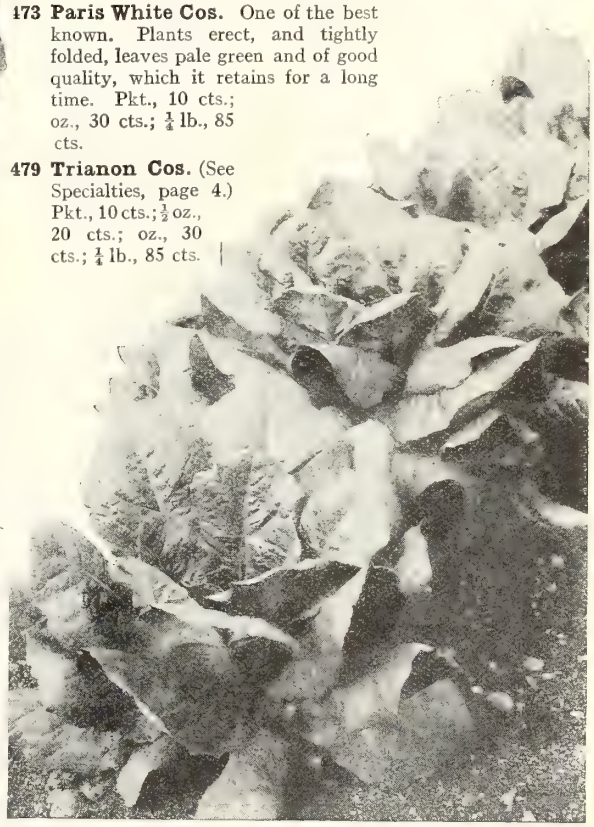
Romaine or Cos Lettuce

This type "saves the day" when during hot weather nearly all other lettuces go on a strike and "shoot" seed stalks.

466 Kingsholm Cos. Forms long, firm, upright plants with narrow leaves, which are crisp and refreshing, withstanding the summer heat. Light green in color and a very reliable variety for late use. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

173 Paris White Cos. One of the best known. Plants erect, and tightly folded, leaves pale green and of good quality, which it retains for a long time. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

479 Trianon Cos. (See Specialties, page 4.) Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.



ROW OF COS LETTUCE—heading up

Strong Lettuce Plants are offered on page 212

MUSKMELONS

Melon Musca, Fr. *Melon Almizcleon*, Sp. *Melone*, Ger.

One ounce will plant about 50 hills; 6 to 8 lbs. in hills per acre.

CULTURE—Melons thrive best in a light, rich soil, and sunshine is essential for increasing the sugar content of the melons. When the ground has become thoroughly warm, generally after middle of May, sow seeds in hills 5 to 6 feet apart each way for Muskmelons, 8 to 10 feet for Watermelons. Melon vines are ravenous feeders and for best results, a few shovelfuls of well-rotted manure should be incorporated in each hill. Scatter 12 to 15 seeds on top of each hill and cover about ¼ inch deep. After all danger of bugs is over, thin out to three or four strongest plants per hill. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.

Green Fleshed Varieties

493 Delicious Gold Lined. This melon is nearly round, without ribs, and the skin is covered with a thick gray netting, adding much to its appearance. The thick flesh is green, with golden tint next to the small seed cavity, which makes it very attractive when cut, and the flavor delicious, being remarkably sweet and spicy. Pkt., 15 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

495 Early Knight. (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

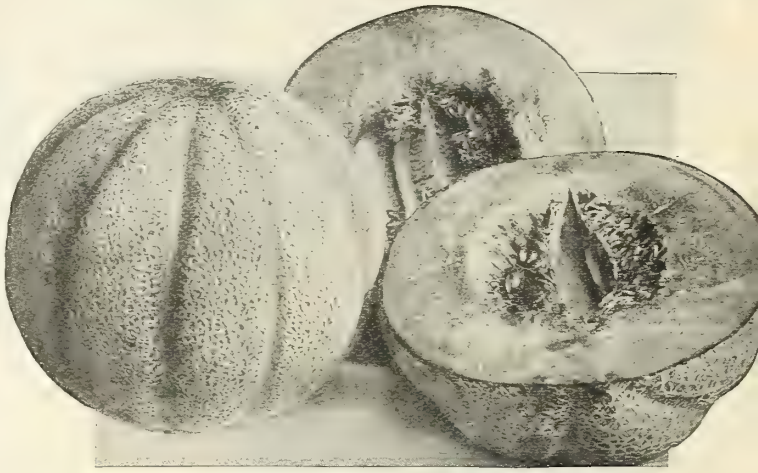
503 Extra Early Hackensack. A large flat melon with prominent ribs. Flesh light green, thick, sweet and juicy. Does best in rich bottom land. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

508 Honey Dew. The outer skin is smooth, hard and nearly white, being really of the Casawba type. The melons are large, round to oval in shape, flesh is light green, solid and of honey-like flavor, luscious and juicy. Not recommended for northern states. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

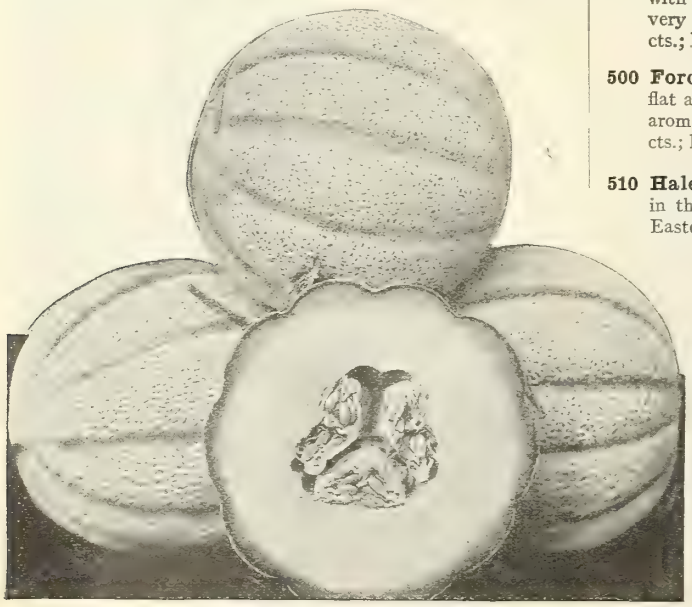
518 Montreal Market. Largest of the nutmeg varieties, with deep ribs and heavy netting. Flesh green and of good flavor. Largely grown in our Northern States and in Canada and generally recommended for cool sections. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

520 Netted Rock. Like Rocky Ford, but more heavily netted. The seed cavity is small, and the flesh green, thick and sweet. Withstands rust and blight, so much so that it is almost proof against either. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

522 Rocky Ford Improved. This delicious melon is almost round in shape and thickly netted, and average about five inches in length. Flesh is smooth-grained and light green color of delicious spicy flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.



Montreal Market Muskmelon



Hearts of Gold Muskmelon

Salmon Fleshed Varieties

Of pronounced "musky" flavor and considered by many the best flavored class by far.

488 Bender's Surprise. (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

490 Burrell's Gem or Defender. Size averages 6 inches long by four inches thick through, is distinctly ribbed, beautifully netted. Thick, firm luscious salmon-orange flesh. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

497 Emerald Gem. A small, but very early smooth variety with faint ribs and light netting. Salmon pink flesh with a very small seed cavity. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

500 Fordhook. A high quality round melon of medium size, flat at ends, heavily ribbed and netted and with thick, juicy aromatic orange flesh. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

510 Hale's Best. This is the Melon now grown so extensively in the Imperial Valley, Cal., for early shipment to the big Eastern markets. On account of its remarkable earliness and fine shipping qualities it has now superseded the old time Rocky Ford. Hale's Best is slightly larger and 2 weeks earlier than the standard Rocky Ford, and is pink fleshed clear to the rind, which is well ribbed and netted. The flesh is very thick; with only a small seed cavity and of excellent quality, being sweet and musky. A very prolific Melon and a valuable strain both for the commercial and also the home garden. Pkt., 10 cts., oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

505 Hearts of Gold, or Improved Hoodoo. Melons are of medium size, round and distinctly ribbed, and present a fine, attractive appearance. The rind and flesh are very firm, the skin thickly netted, and flesh a rich, deep orange of sweet and spicy flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

MUSKMELONS—Continued

514 Mango, or Vegetable Orange. Size and shape like an orange. Used for preserving only. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

516 Miller's Cream, or Osage. Large and oval with light green, netted skin, and unusually thick, sweet, salmon-flesh. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

524 Tip Top. This luscious melon is the largest in this class, nearly round. Flesh is deep yellow and has a rich spicy flavor. Skin heavily netted and slightly ribbed. Pkt., 10 cts.; oz. 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Varieties for Under-Glass Culture

489 Blenheim Orange. Oval shape, flesh deep orange. Pkt., 25 cts.

526 Windsor Castle. A reliable green-fleshed variety. Pkt., 25 cts.

MILLER'S CREAM OR OSAGE MUSKMELON

Melon d'eau, FR. **WATERMELONS** *Zadia*, SP. *Wasser Melone*, GER.

One ounce for 30 hills; four to five pounds for an acre.

CULTURE—See directions given under Muskmelons. Watermelons, however, are slightly less subject to "bug," depredation and disease attacks than Muskmelons. At the same time they are more easily hurt by strong spray mixtures, and caution in the use of such mixtures is advisable.

530 Alabama Sweet. Oblong in shape, early in maturing for a large melon. Color dark green, irregularly striped; flesh bright red, remarkably firm. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.00.

532 Blue Gem, or Iceberg. Somewhat resembles Kolb's Gem, but larger. The flesh is of a beautiful pink and of sweet flavor and very crisp. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.00.

536 Colorado Preserving Citron. For preserve making only for which purpose it is excellent. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

534 Cole's Early. An extra early round melon with solid heart, flesh of fine texture and good flavor, and a very suitable variety for our northern States. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.00.

540 Florida Favorite. An early of medium size, striped alternately light and dark green, flesh deep red, and of excellent quality. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.00.

542 Harris' Earliest. Large, slightly oval in shape, skin mottled light and dark green. Flesh is solid, bright red, very tender and sweet. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

543 Irish Grey. A very large long melon, light green in color with a very hard shell, with fine eating quality. Flesh crisp and sweet. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

546 Monte Cristo, or Kleckley Sweets. Where sweetness, combined with large size is desired, this variety will surely please. Fruits average 18 to 20 inches long, are of oblong shape, with dark green skin and flesh of brilliant scarlet. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

548 Sweet-Heart. Vine vigorous and productive, oval shape, flesh bright red, tender and sweet. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

550 Tom Watson. A large oblong Melon, that has become a great favorite everywhere. The flesh is bright red, of delicious flavor. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

552 Yellow Ice Cream. The "par excellence" of watermelons. The quality of the fruits is always sweet and crisp. Flesh is bright golden-yellow, skin beautiful green and shape elongated. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

DREER'S RELIABLE MUSHROOM SPAWN

A satisfied customer sends us this evidence of success with DREER'S MUSHROOM SPAWN

The idea that good Mushrooms can only be produced in caves, pits and houses which have been specially built for the purpose, is erroneous. They can be successfully grown in almost any building, cellar or shed, which can be darkened. Beds can be made on ground floor, or on shelves, in tiers; also in the greenhouse under the benches or in spent hot beds. Thus it may be seen that "Mushrooms for All" can be produced at very little expense, provided care is taken when preparing the bed, and directions, given in our free circular, closely followed.

American Spore Culture Spawn. An American make of spawn, which produces Mushrooms of excellent quality and large size. We furnish the Cream White No. 8 variety. Per brick, 45 cts.; 5 bricks, $2.00; 10 bricks, $3.75, prepaid.

Dreer's Mushroom Circular free on application.

Ognon, Fr.
Cebolla, Sp.

DREER'S CHOICE ONION SEED

Zwiebel, Ger.

One ounce of Onion seed for 100 feet of drill; 5 to 6 pounds for an acre.

CULTURE—Large Onions are easily grown from seeds in one season provided the gardener has a rich piece of ground and is willing to do the necessary hand weeding and transplanting of the young Onions. Seeds may be sown very early in the spring in rows 18 inches apart, and as soon as seedlings are 3 to 4 inches tall they should be thinned out to stand 3 to 4 inches apart in the row. Several applications of a complete fertilizer or wood ashes scattered on both sides of the row and hoed into the soil will benefit the developing roots immensely. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. For sets, select a clean sandy soil of medium fertility, prepare it well in early spring, and at once sow seed in drills a foot apart, using 40 to 60 pounds of seed per acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following, plant them in shallow drills, 12 inches apart, and about 2 inches apart in the drill. By sowing seed of the Spanish type, such as Prizetaker and Southport Globes, under glass in February or March, and transplanting in April to open ground 3 to 4 inches apart in the rows bulbs of immense size may be produced.

Best American Yellow Sorts

As a class the following may be termed the best general purpose onions for home and market purposes. Properly handled and stored they keep quite well and bring good prices.

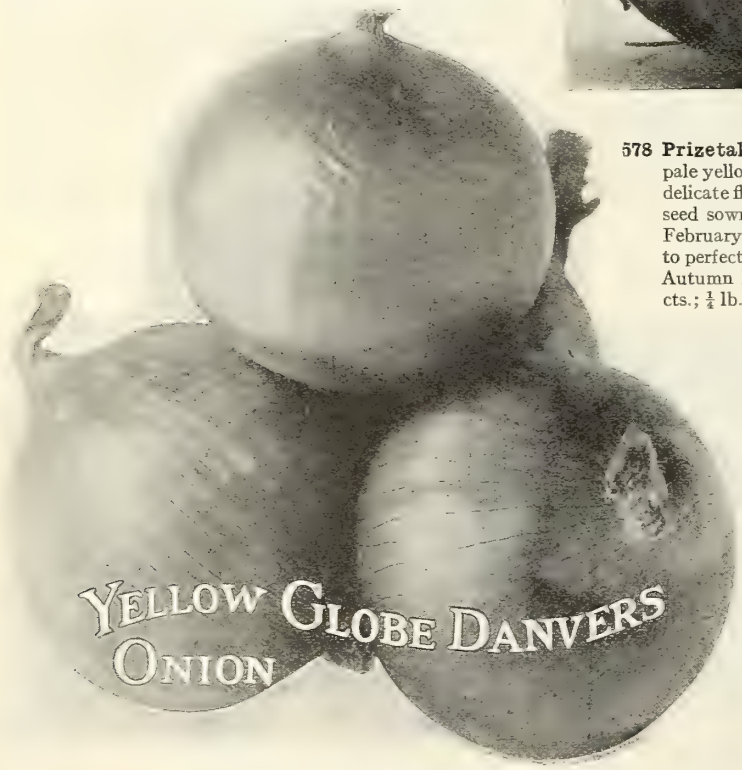
570 Gigantic Gibraltar. On the order of "Prizetaker," both in shape and size of bulbs. It is of globe shape, with light straw colored skin and white flesh, which is very mild and tender. This variety will produce onions averaging five inches in diameter and weighing up to 2 lbs., if seed is sown early under glass and young plants are transplanted in April. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

572 Ideal. (See Specialties, page 7). Pkt., 10 cts.; ½ oz., 25 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

577 Philadelphia Yellow Dutch or Strasburg. A very popular home garden onion. Flesh well flavored; bright straw-colored skin and somewhat flattened shape, and its excellent keeping qualities combine to make this a favorite sort. A favorite variety for producing sets. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Prizetaker Onion

578 Prizetaker. The true type we offer is globe-shape, has pale yellow skin and white flesh, which is very mild and of delicate flavor. Large Onions are grown the first year from seed sown during the spring, and if sown under glass in February for transplanting, immense bulbs can be raised to perfection. A favorite sort for Exhibition at the various Autumn Fairs, etc. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.



586 Southport Yellow Globe. A very large, handsome, globular-shaped yellow variety, very productive, of mild flavor. The outer skin is pale yellow, and the flesh creamy white. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

568 Yellow Globe Danvers. Most home gardeners throughout the country prefer this type to all others. Realizing the importance of getting a true to type strain, the bulbs from which our seed is grown are especially and carefully selected as to shape. Best for general crop, being of a good size and a splendid keeper, while the flesh is very mild flavored. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

Choice Onion Sets are offered on next page

ONION SEED—Continued

The Leading White Sorts

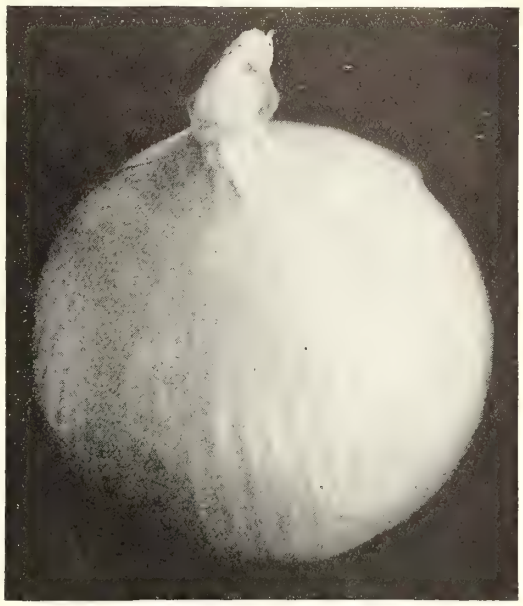
White sorts are milder than yellow or red, but do not keep so well.

574 Mammoth Silver King. The largest of the foreign varieties, specimens having been grown to weigh as heavy as three pounds. Produces large bulbs within 120 days from seeds. Flat in shape and both skin and flesh are pure white, mild and well flavored. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

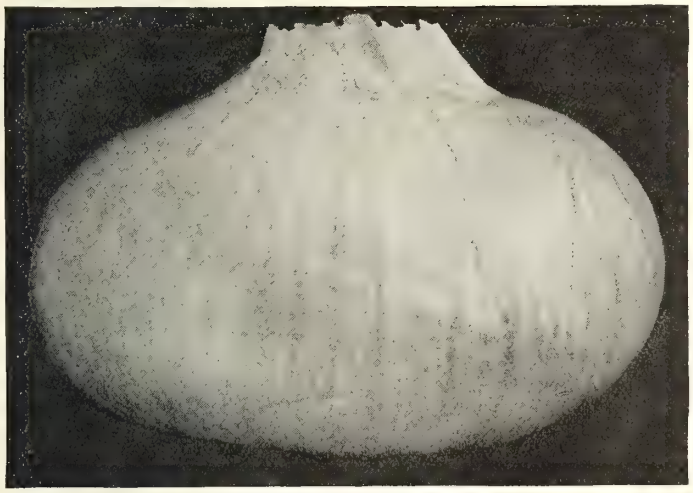
584 Southport White Globe. (See Specialties, page 7). Pkt., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $4.50.

590 White Portugal, or Silver Skin. The bulbs are flat in shape, pure white and mature within 75 days after seeds were sown. It is a splendid variety for both family use and the market gardener, and is very largely used for growing sets on account of its fine shape when small, and also for its good keeping qualities. This variety is grown extensively for use in the green state as a bunching Onion besides being well adapted for pickling. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $4.00.

592 White Queen, or Barletta. An early flat Onion, very mild, pure white, small in size and chiefly grown for pickling and bunching. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50; lb., $5.00.



SOUTHPORT WHITE GLOBE ONION



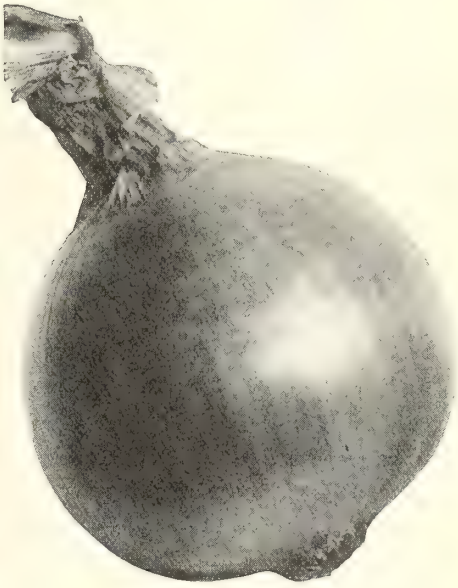
MAMMOTH SILVER KING ONION

The Red Sorts

Comparatively speaking, the latest to mature, the strongest in flavor, but also the best keepers.

580 Large Red Wethersfield. A standard variety in many localities, especially in the Middle West and the South, and does very well in all sections. Onions are large, flat in shape, with skin of a purplish-red color and flesh of a pink shade. Resists drought better than most onions. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

582 Southport Red Globe. The deep color and symmetrical form of this Onion make it very attractive. Bulbs reach full size within 110 days, keep well and are of superior quality, very firm and of strong flavor. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $4.00.



SOUTHPORT RED GLOBE ONION

Choice Onion Sets

For the small garden, we recommend the use of Onion Sets and the slight difference in cost, is justified by results. The risk of failure is almost eliminated and the crop is ready much earlier. Onion Sets should be planted in rows 12 inches apart, with sets 2 inches apart in the rows and receive regular cultivation. 1 quart will plant a 50 foot row.

In quantities offered below, prepaid.

	Pt.	Qt.	4 qts.
White Onion Sets	$0 20	$0 40	$1 40
Yellow Onion Sets	20	35	1 25
Red Onion Sets	20	35	1 25
Egyptian (for Scallions). Sept. to April delivery	15	30	1 10
White Potato (Multiplier)	20	40	1 40
Yellow Potato Onions	20	40	1 40
Shallots	20	40	1 40
Garlic	25	50	1 50

Chives. See Vegetable Plants, page 212.

Special quotations for quantity lots.

Our celebrated Lawn Grass Seeds are offered on pages 9 and 10

OKRA, or GUMBO

Gombaud, Fr. *Gombo*, Sp. *Ocher*, Ger.

Culture—This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and substance. Sow seed thinly in rich ground about the middle of May or when ground has become warm, in drills 3 feet apart covering them 1 inch deep. When 4 to 6 inches tall, thin out plants to stand 12 to 18 inches apart in the row. Cultivate like corn. **One ounce will sow 100 feet of drill.**

560 Dreer's Little Gem. Makes a dwarf stocky growth and is very productive. The pods are thick, heavy and solid and of a light green color. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

561 Improved Long Green. Very productive and bears long bright green pods, of good quality. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

565 White Velvet or Creole. Pods free from ridges and very tender. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

563 Perkins' Long-pod Okra. Plants are 24 to 30 inches tall and the pods grow 4 or 5 inches long, very tender while young, and of a beautiful deep green color. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

Perkins' Long-Pod Okra

Mustard

Moutarde, Fr. *Mostaza*, Sp. *Senf*, Ger.

One ounce will sow 100 feet of drill.

Culture—A pungent salad plant; the seed is also used for flavoring pickles, pepper sauce, etc., and the large leaved sorts are excellent boiled and served like spinach.

558 White London. Leaves dark green, small and smooth, very easily and quickly grown, but soon goes to seed, therefore, sow often in succession. Used in combination with Extra Curled Cress. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

554 Chinese. Large, light green leaves, frilled at edge. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

556 Fordhook Fancy. Beautifully curled and fringed, making it attractive for salads and garnishing; of mild flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

557 Southern Giant Curled. Plants strong and upright with large leaves, crumpled and frilled. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.25.

HERBS

(Sweet, Pot and Medicinal)

CULTURE—Herbs delight in a rich, mellow soil. Sow seeds early in spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly on a floor where they can dry quickly. Those marked with an * are perennial. **Plants of various perennial herbs will be found offered on page 212.**

Sweet Marjoram

5010 Anise. For garnishing, and for cordials. Pkt., 10 cts.; oz., 35 cts.

5012 *Balm. Lemon-scented. Used for tea or balm wine. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.

5014 Basil, Sweet. Used in soups. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.

5016 Bene. Used medicinally. Pkt., 10 cts.; ½ oz., 20 cts.; oz. 35 cts.

5018 Borage. Used in the manufacture of cordials. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.

5020 Caraway. Used in bread, cake, etc. Pkt., 10 cts.; oz., 25 cts.

5022 *Catnip. Medicinal, and relished by cats, who roll in it with great delight. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.

5024 Coriander. Seeds are aromatic. Pkt., 10 cts.; oz., 30 cts.

5026 Cumin. For flavoring. Pkt., 10 cts.; oz., 30 cts.

5028 Dill. For Dill pickles. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.

5030 *Fennel, Sweet. Used in sauce. Pkt., 10 cts.; oz., 30 cts.

5032 *Horehound. Used for seasoning and also medicinally. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.

5034 *Lavender. For perfuming linen Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

5038 *Pennyroyal. Used medicinally. Pkt., 20 cts.; ½ oz., 50 cts.; oz., 80 cts.

5040 *Peppermint. Used for flavoring, but chiefly grown for distillation of the valuable essence. Pkt., 25 cts. Plants, page 212.

5042 *Rosemary. For seasoning. Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 60 cts. Plants, page 212.

5044 *Rue. For seasoning, and also used as a cure for roup in fowls. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.

5046 Saffron. Used for flavoring and coloring. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.

5048 *Sage. One of the most popular Herbs for seasoning. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50. Plants, page 212.

5050 Savory, Summer. Used for flavoring. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.

5052 *Savory, Winter. For flavoring. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.

5036 *Sweet Marjoram. Leaves used green in summer and dried in winter for flavoring. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

5054 *Tansy. For seasoning. Pkt., 10 cts.; ½ oz., 40 cts.; oz., 75 cts. Plants, page 212.

5056 *Thyme, Broad-leaved English. Very popular for seasoning. Pkt., 15 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., $2.25. Plants, page 212.

5058 Thyme, French Summer. Used for seasoning. Pkt., 15 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., $2.25.

5060 *Wormwood. Sometimes used for flavoring, but of more value for its medicinal properties. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.

Martynia

Culture—The seedpods are used for pickling when gathered young and tender. Sown in open ground in May in hills 3 feet apart each way, or in a hotbed and afterwards transplanted. If once planted in the garden voluntary plants are likely to spring up the following year from scattered seeds.

485 Martynia Proboscidea. Large size, with long curved pods. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

Persil, Fr. **PARSLEY** *Peregil*, Sp. *Petersilie*, Ger.

CULTURE—Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April in rows 18 to 24 inches apart and ½-inch deep; thin out the plants to stand 6 inches apart in the rows. The seed germinates slowly, plants taking from three to four weeks to make their appearance, and sometimes failing to come up in dry weather. To insure prompt germination, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar. **One ounce of seed for 150 feet of drill. Plants offered on page 212.**

600 Dreer's Dwarf Perfection. (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.50.

596 Champion Moss Curled. Forms a dense growth of dwarf curled and crimped leaves of rich green. Popular and reliable, and its compact dwarf growth makes it very suitable for decorative planting in borders. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.25.

604 Dreer's Summer Green. A strong and vigorous grower that resists heat and drought in a splendid manner. Produces large, finely curled leaves of beautiful dark green color. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

598 Fern Leaved. Fine leaves, very ornamental. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

602 Plain. Flat smooth leaves of dark green. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

606 Hamburg or Rooted. The fleshy root resembles a parsnip, and is used for flavoring soups, stews, etc. Roots are a yellowish white in color about 5 or 6 inches long and 2 inches thick at the top, like a small Parsnip. The roots are not affected by frost and may be left in ground over winter. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

In addition to Parsley and other valuable flavoring plants grow a few of the important Herbs in a corner of your garden. They are indispensable in the kitchen. See page 34.

Champion Moss Curled Parsley

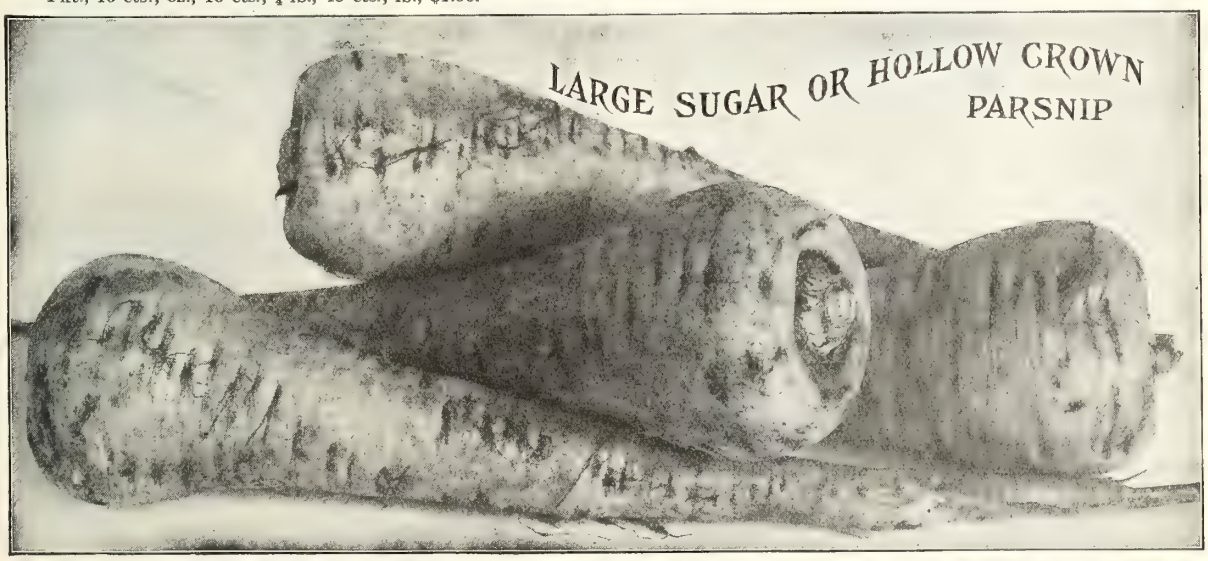
Interesting and instructive books on gardening, etc., offered on 3rd cover page.

Panais, Fr. **PARSNIP** *Chirivia*, Sp. *Pastinake*, Ger.

CULTURE—Sow as early in the spring as weather and soil conditions permit in drills 2 feet apart and cover ½ inch deep in light soil, less in heavy clay. Thin to stand 4 to 6 inches apart in the rows. The roots are eaten boiled or baked and are very sweet and tender, also are often used for flavoring soups and stews. The quality is improved by leaving them in ground over winter for spring use. Secure enough in pits or cellars in the fall for immediate needs. **One ounce will sow 200 feet of drill.**

608 Large Sugar, or Hollow Crown. This is the best and most productive variety and is largely grown both in the home garden and for market. The roots, which are creamy white, grow 10 to 12 inches long, and are smooth, tender, sweet and are of excellent flavor. This strain is the result of careful selection of roots growing to an ideal shape and having the distinct hollow crown. Highly valued by market gardeners. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

610 Student, or Guernsey. Very similar to No. 608, but somewhat shorter. A good half-long variety, with smooth white roots, very clean skinned, and with a fine neck deeply set in the crown. This sort is of unusual sweetness and always tender. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.



Pois, Fr. **GARDEN PEAS** *Guisante*, Sp. *Erbsen*, Ger.

One pound will plant fifty feet of drill.

CULTURE—The very earliest sowing of peas may be made as early in March as the gardener can prepare a piece of ground because subsequent frosts do not hurt the young plants, especially those of the extra early smooth-seeded varieties. Sow in single or double rows 24 to 26 inches apart, covering seeds about 2 inches deep. All varieties do better with some sort of support. Where the brush is lacking, poles and twine may be utilized. By selecting varieties maturing in succession (and it is easy to pick them out from the following pages because they are listed in about the same order as they reach full size), a constant supply of delicious peas may be had from early in June until middle of August. Experience has proven that sowings made after middle of May are not as successful as the earlier ones because hot midsummer heat is apt to cut short both vines and pods.

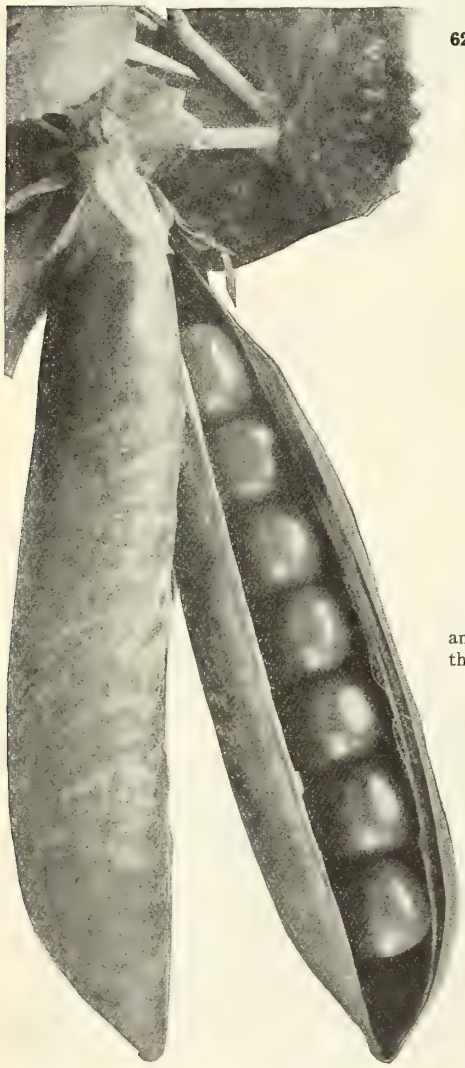
Smooth Seeded Extra Early Sorts

The hardiest sorts, to be planted as soon as the soil can be put in condition.

618 Alaska. An extra early round blue Pea, height, 2 feet. Very uniform and a favorite canning variety. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.; 5 lbs., $1.55, prepaid.

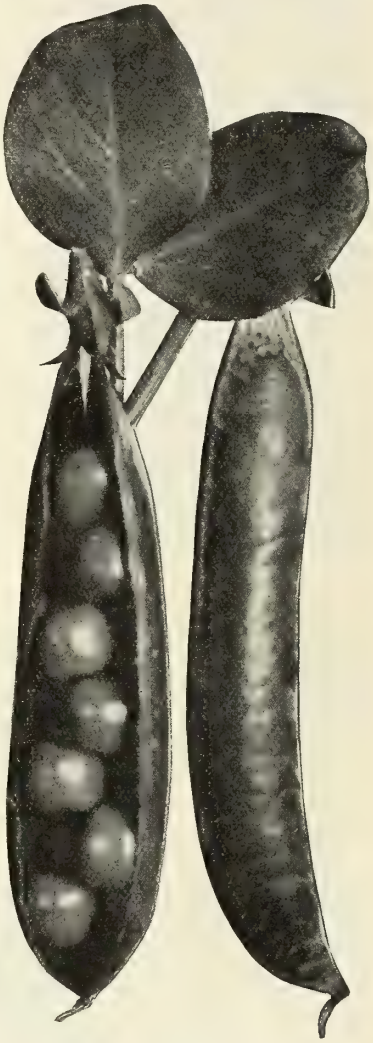
635 Dreer's Eureka Extra Early. One of the earliest and most prolific extra early varieties, which has given good results wherever grown. Vines grow to a height of about 20 inches and are very robust, bearing an abundant crop of pods which measure about 2½ inches in length, and are well filled with peas of excellent flavor. Height, 20 inches. It is not only valuable for early use but is especially adapted for planting in August when most plantings of other varieties result in failure. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.65, prepaid.

630 Dreer's Electric Extra Early. Is the best of the small, round, blue-seeded extra early sort. The vines grow very uniform and attain a height of 2½ feet, bearing an abundant crop of medium size, dark green pods, which are well filled with Peas of good flavor. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.65, prepaid.



Laxton's Progress Peas. See page 37.

628 Early Eight Weeks. In our trials, this pea was ready for picking before any of the other extra early varieties and the quality all that could be asked for in a smooth extra early Pea. The vines were very dwarf, growing only 12 to 15 inches in height and loaded with the well filled pods, which were quite large in size for so early a variety. The pods should be picked from vines while they are in a young state of growth, at which time the peas are exceedingly tender and of a most delicious flavor. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.



Early Eight Weeks Peas

The Earliest Wrinkle-Seeded Varieties

The following may be planted any time after first of April when the soil has become warm.

620 American Wonder. A very fine, extra early wrinkled variety. It is well suited for the private garden and quite productive. The flavor and quality are excellent, and its dwarf habit of growth makes it a desirable sort; height 1 foot. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.; 5 lbs., $1.50, prepaid.

646 Gradus, or Prosperity. Combines the finest quality with extreme earliness, besides being fairly productive. Grows vigorous and healthy; vines about three feet in height, bearing pods averaging 4 inches long, well filled with 6 to 8 beautiful light green Peas, which color they retain after being cooked. The quality and flavor are delicious and a valuable feature with the "Gradus" is, that the Peas remain tender and sweet for a long time after having been picked from the vines. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

648 Hundredfold.
649 Laxtonian. } See Laxton's Progress, page 37.

"The President" Peas

GARDEN PEAS

Wrinkled Early Sorts—Continued

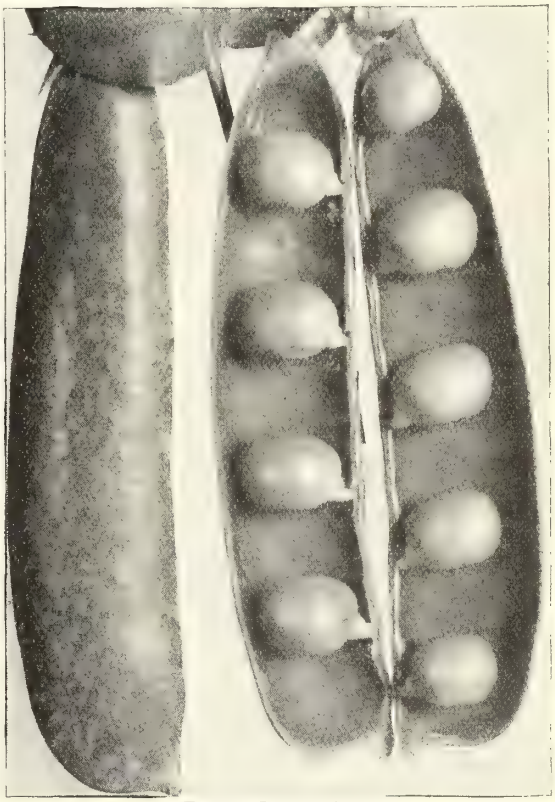
650 Laxton's Progress. The most recent introduction of real merit into the list of large pod dwarf peas, and an ideal sort for the small home garden where space is at a premium. "Progress" grows but 18 inches high, but the vines are exceedingly vigorous and produce the largest pods of any extra early sort. Pods average 4½ inches long and are well filled with 8, 9 or 10 deep green, large peas, of delightful flavor. Ready for gathering within 60 days from the time seeds are sown, being a few days earlier than either Hundredfold or Laxtonian, the previous leaders in this class. We have taken these two out of our list on account of the superiority of "Progress." It is fairly hardy and may be planted almost as early as the hardier smooth-seeded varieties. Pkt., 15 cts.; ½ lb., 30 cts.; lb., 50 cts.; 2 lbs., 95 cts.; 5 lbs., $2.15, prepaid.

654 Little Marvel. This is a very desirable sort. It is dwarf, about 15 inches high, plants are very productive, bearing many tightly filled twin pods, which are dark green, containing 7 or 8 large oval peas packed tightly together. We consider this one of the best dwarf growing varieties for the home garden and are sure that it will please all who plant it. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $1.95, prepaid.

670 Market Surprise. The seeds of this variety are "dimpled." The plant grows to a height of 30 inches, and is very thrifty, producing the pods in surprisingly large quantities. Pods are large and well filled with Peas. Ready for use 60 days after sowing seeds. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

674 Nott's Excelsior. A very popular pea, slightly taller than American Wonder, but otherwise similar. Vines produce a large number of pods which are tightly filled with finely flavored peas. Height, 16 inches. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

699 Sutton's Excelsior. Vines dwarf, growing about 16 inches high, sturdy and productive. The color of the shelled peas is a pleasing light green and it bears the largest pods of any of the low-growing wrinkled Pea with the exception, perhaps, of Laxtonian and Hundredfold. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $1.95, prepaid.



Thomas Laxton Peas

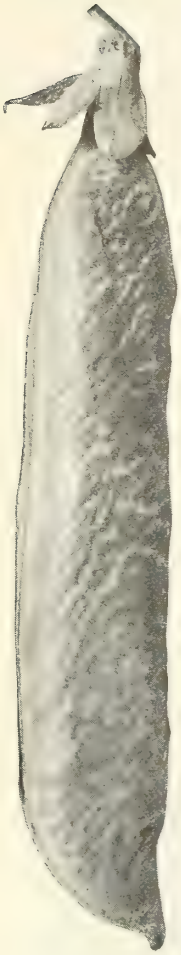
702 The President. A new introduction of all round excellence. (See Specialties, page 7, and photo above). Pkt., 15 cts.; ½ lb., 30 cts.; 1 lb., 50 cts.; 2 lbs., 95 cts.; 5 lbs., $2.15, prepaid.

705 Thomas Laxton. A popular and reliable early large-podded Pea, which is very hardy and a strong grower, producing pods in abundance. The habit and growth of vine resembles Gradus, although the color is darker and pods more blunt in shape. The pods are well filled with large peas; height, 3 feet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $1.95, prepaid.

VEGETABLE GARDENING. (*Kruhm*). For the amateur. $1.00 postpaid.

GARDEN PEAS—Continued

Main Crop Varieties



PRINCE EDWARD PEA

614 Abundance. Pods hang in pairs and contain 6 to 8 wrinkled Peas, and ripen in about 70 days; height, 2 feet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

622 Carter's Daisy, or Dwarf Telephone. The pods are long, frequently measuring 5 inches in length, broad, rounded or curved at end and well filled. Color is pale green and quality excellent; height, 18 inches. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 85 cts.; 5 lbs., $1.95, prepaid.

624 Champion of England. Popular old-time wrinkled variety. Height is about 5 feet and vines bear long round pods in pairs with 7 or 8 light green peas. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

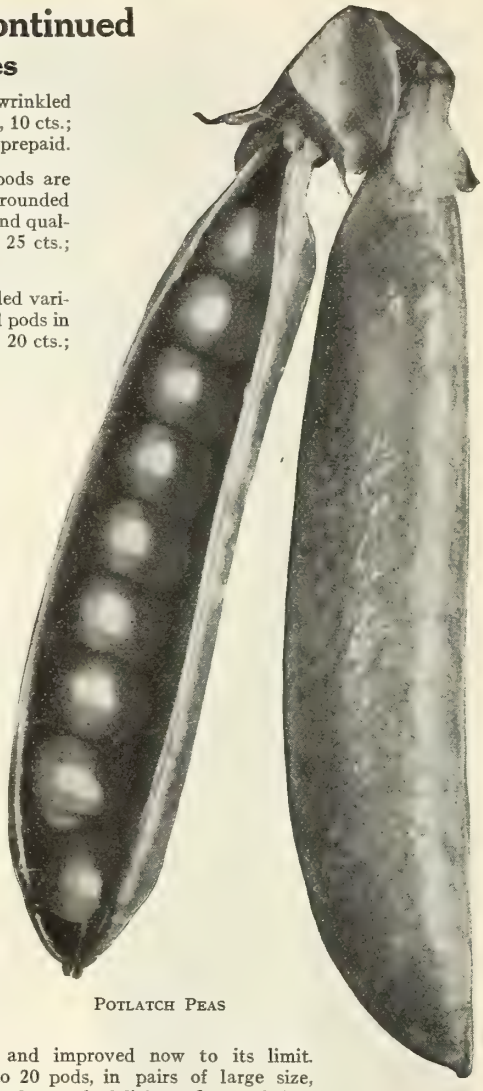
626 Dwarf Champion. A dwarf variety, hardy and productive. Bears long broad pods containing 7 or 8 large peas of fine quality. Height, 2 feet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

632 Everbearing. One of the latest sorts, coming in after Telephone. Pods 3½ to 4 inches long, straight and pointed, and contain 6 or 7 Peas of rich flavor. Height, 3 feet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

682 Potlatch. Vines grow to about 30 inches, and the crop matures in 80 days. Pods are in pairs, average 4½ inches long, dark green and well filled with large Peas. "Potlatch" will surely please the most critical. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

690 Prince Edward. Somewhat similar to Telephone in height of vine and shape of pod, and also time of maturity, but pods are darker in color adding to their handsome appearance, and we believe the vines carry more peas. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

692 Senator. Peas fit to pick in about seventy days, pods about 4 inches long, curved and rich dark-green color, well filled with medium size peas. Height, 3 feet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.



POTLATCH PEAS

700 Telephone. A standard both here and abroad, and improved now to its limit. Vines are very strong in growth, and average 18 to 20 pods, in pairs of large size, containing 6 to 8 peas each, of a medium green color, and delicious flavor; height, 4 feet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 5 lbs., $1.75, prepaid.

Edible Podded Sugar Peas

The pods of the two sorts following are cooked with the peas. They have a very high sugar content, and make a delicious dish and a welcome change in the menu. Once tried, they will be regularly grown.

640 Giant Sugar. Tallest edible podded variety and also latest in maturing. Pods are light green, about 3 inches long, square ended and contain 6 or 7 peas, very tender and sweet. Height, 4 feet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

662 Melting Sugar. Pods grow 4 inches long, and are very broad, quite brittle and with no stringiness. Very sweet. Height, 3 feet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 5 lbs., $1.85, prepaid.

POTATOES

Pomme de Terre, FR. *Patatas*, SP. *Kartoffel*, GER.

One peck will plant 100 hills; 8 to 10 bushels an acre.

NOTE—Potatoes are ready for shipment about March 1st and are forwarded by Express or Freight as may be directed, at customer's expense, and are shipped at purchaser's risk, our responsibility ceasing after delivery to transportation company in good order.

Early Rose. Very reliable. Shape long and good size with pink skin. It cooks pure white and mealy and is of good flavor.

Irish Cobbler. One of the first varieties of Potatoes to be ready for use. The skin is creamy white, sometimes netted, which is an indication of good quality, round smooth tubers with eyes strong and well developed. It produces large crops and is a reliable variety.

State of Maine. A very reliable standard variety, round and flattened. Medium early, splendid flavor, cooks dry, is a good keeper and very productive.

SWEET POTATO PLANTS. See page 212.

Russet Rural. A well known and reliable late variety that makes strong healthy growth in all kinds of soil. Exceptionally heavy cropper of large, solid tubers, which cook dry and mealy. It is also practically disease resistant.

SEED POTATO BUYERS PLEASE NOTE

At the time of going to press with this Catalogue the Potato market was not settled and we were unable to name prices. Please write stating kind and quantity wanted and we will quote by letter.

Piment, Fr. **PEPPER** *Pimiento*, Sp. *Pfeffer*, Ger.

One ounce of seed will produce about 1000 plants

CULTURE—Sow seed in flats under glass in March; transplant seedlings, when 2 to 3 inches high, into other flats, 4 inches apart each way or into individual pots, either clay or paper, to encourage good root systems. When the weather has become thoroughly settled and danger from belated freezes is over (about corn planting time), transplant to open ground in warm, very rich and well-prepared soil, placing rows 3 feet apart, with plants 2 feet apart in the rows. The large, sweet sorts have become very popular and are always in demand.

734 Dreer's "Rainbow." A most interesting, ornamental, and at the same time practical addition to the varieties now offered. Plants are strong and vigorous, with an abundance of glossy, dark green foliage, bearing fruits long and conical in shape, which from the early green, the color passes into white, then to a golden yellow, and finally to a brilliant scarlet. Pkt., 20 cts.; ½ oz., $1.00; oz., $1.50.

711 California Wonder. (See Specialties, page 7.) Pkt., 25 cts.; ½ oz., 65 cts.; oz., $1.00; ¼ lb., $3.00.

722 Chinese Giant. The very large fruits are bright scarlet, flesh is thick and remarkably sweet. The latest maturing Pepper, requiring a long season of growth. Pkt., 10 cts.; ½ oz., 45 cts.; oz., 80 cts.; ¼ lb., $2.50.

723 Early Giant (*Harris*). In more Northern latitudes, where formerly only one or two of the smaller early types could be grown with any certainty of securing a crop, this new variety will mature large fruits, 4½ to 5 inches high and 4 inches thick, with very thick sweet flesh. Pkt., 20 cts.; ½ oz., 50 cts.; oz., 90 cts.

726 Golden Dawn. A very attractive waxy yellow Pepper, very meaty and sweet flavored. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

709 Large Bell or Bull Nose. A large early scarlet variety, very popular, and a favorite pickling sort. Flesh is thick and of mild flavor. This has been offered for many years, and is still a great favorite, Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

Early Giant Pepper

Ruby Giant, or World-Beater Pepper

712 Long Red Cayenne. Pods are long and slender; bright red and very pungent. Used extensively. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

742 Large Sweet Spanish. Peppers grow four or five inches long and three inches in diameter. The fruits are bright green, turning to a rich scarlet when matured. Flesh thick and sweet. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

730 Neapolitan. Fruits grow upright, about 3½ to 4 inches long and 2 inches thick, and are remarkably sweet. Brilliant red fruit, very early. Pkt., 10 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., $2.00.

732 Pimiento. One of the sweetest Peppers grown, as it does not contain the slightest trace of heat. The plants are productive and the heart shaped Peppers medium size and of a shape desirable for filling, prepared in which manner they are delicious. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 65 cts.; ¼ lb., $1.90.

738 Ruby Giant, or Worldbeater. Of particularly desirable size and shape for stuffing. A cross between Ruby King and Chinese Giant, grows to large size and is very mild. A most prolific sort. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

740 Ruby King. This popular sort now is a favorite in all sections, on account of its reliable nature. Fruits are about five inches long, flesh thick and mild, color dark green while young, turning to ruby red when ripe. Extremely prolific, bearing ten or a dozen fruits. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

We offer 2 Peppers, 1 Sweet and 1 Hot in strong, pot grown plants on page 212

SQUASH OR TOMATO PEPPER

PEPPER—Continued

741 Squash, or Tomato. Fruits about 2 to 3 inches in diameter. flat, and slightly ribbed, with thick sweet flesh. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

The Small Ornamental Sorts

715 Celestial. Compact plants, literally covered with small conical fruits in color ranging from purple to brilliant red. Very hot. Pkt., 15 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

720 Creole, or Birds Eye. Bears small oval red-hot fruits in abundance. Very ornamental. Pkt., 15 cts.; ½ oz., 50 cts.; oz., 85 cts.; ¼ lb., $2.50.

735 Red Cherry. A small round late variety, fruits erect, scarlet and hot. Pkt., 15 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., $2.50.

728 Red Japan Cluster. Very productive. Small, slender, upright, hot fruits of bright red. Pkt., 15 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

718 Small Chili. Red conical pods, in abundance, about 2 inches long, very hot. In demand for sauce. Pkt., 15 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.

744 Tabasco. Small and very hot. Used as a condiment either in vinegar or sauce. Pkt., 15 cts.; ½ oz., 45 cts.; oz., 80 cts.

Potiron, FR. **PUMPKIN** *Caabaza*, SP. *Grosse-Kurbis*, GER.

CULTURE—Sow in good soil in May, when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn. Pumpkin varieties if planted together will mix. There is not much danger of their mixing with squashes or other vines. **One ounce for 25 hills.**

750 Large Cheese or Kentucky Field. A very hardy late, large round flattened variety with pale yellow skin, flesh very thick, yellow and sweet, an excellent canner. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

752 Large Yellow Field, or Big Tom. The well known cornfield Pumpkin, mostly grown for feeding stock. Round, flat-ended sort with smooth, tough dark orange rind and flesh is dry and sweet and is often used for canning. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.00; 10 lbs., $8.00.

756 Large Yellow Mammoth Potiron (*King of the Mammoths, Jumbo*). Largely grown for fairs and exhibitions. Specimens have been grown weighing over 100 pounds. Skin rich dark yellow, flesh lighter shade, sweet but somewhat coarse. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

754 Mammoth Golden Cashaw. A very prolific crookneck type, of a golden-orange color. Flesh thick, solid and good quality. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

758 Quaker Pie Pumpkin. A fine-grained, early, medium-sized, oval-shaped sort of rich flavored creamy white flesh with pale yellow skin. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

760 Sugar, or New England Pie. For pies this cannot be excelled. Fruits round and small, with deep yellow skin, plainly ribbed. Flesh sweet and fine grained. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

764 Winter Luxury. A very good keeper and a splendid pie Pumpkin; shape round, skin finely netted, and russet-yellow color; flesh deep yellow and thick. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

SUGAR, OR NEW ENGLAND PIE PUMPKINS

Rhubarbe, FR. **RHUBARB** *Ruibarbo*, SP. *Rhabarber*, GER.

One ounce of seed to 125 feet of drill.

Culture—Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills 1 foot apart, thin to 4 or 5 inches. Keep soil loose and free from weeds. The plants are liable to vary considerably. Pick out the strongest and best. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil. The more manure the better stalks.

830 Linnaeus. A good second early, very large and a strong grower. Stalks mostly deep green, round and of good quality. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

832 Victoria. A splendid early sort. Stalks are large, very thick, of rich red color, and tender quality. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

For Rhubarb Roots, see page 212.

Re-cleaned Bird Seeds

In quantities offered below, prepaid.

	Lb.	5 lbs.	10 lbs.
Mixed Bird	$0 25	$1 10	$2 00
Canary, Plain	25	1 10	2 00
Rape, Sweet	25	1 10	2 00
Hemp	25	1 10	2 00
Millet	25	1 10	2 00
Wild Bird Mixture	25	1 10	2 00
Sunflower	20	90	1 70
Lettuce. Oz., 5 cts	30	1 25	2 25

RADISH

Radis, Rave, Fr. — *Rabanito,* Sp. — *Radies,* Ger.

One ounce of seed will sow 100 feet of drill.

CULTURE—One of the earliest delicacies to reach our table in the spring and one that may be enjoyed all season by a judicious selection of varieties suitable for different seasons. In soil rich in humus, the little early round and olive-shaped sorts will be ready for use in from 3 to 4 weeks. Earliest sowings may be made as soon as frost is out of the ground. After May 1st, sow long varieties like White Icicle or Long Scarlet Short Top. After June 1st, select summer varieties like Long White Vienna, or White Delicacy, and around July 1st, sow the late but also large winter radishes for a fall and winter supply. All radishes, to do their best, should be thinned out to stand 2 to 6 inches apart in the row, the largest distance given applying to the large growing winter varieties.

Cardinal Globe Radish

The Earliest Round Sorts

770 Cardinal Globe. Among quite a number of the little red Radishes available, this is easily one of the most dependable in that it perfects uniform round globes within 30 to 35 days from sowing seeds. It is most attractive, of brilliant cardinal red color, with pure white flesh, of delicate crispness and delightful flavor. Equally useful for growing under glass in frames or greenhouses as well as for early outdoor sowing. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

776 Crimson Ball. A dainty little Radish of mild flavor; skin bright red, flesh tinged with red. It forms the root very rapidly and is ready for use within 25 days. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

779 Crimson Giant. Suitable both for forcing or early planting out of doors. In shape it is round to oval, and very attractive. The flesh is mild and tender. Grows to larger size than any in this class, yet retains its crispness and delightful flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

780 Dreer's Crystal Forcing. Of remarkably quick growth, insuring crisp solid roots, perfectly round and pure white with small top. Good quality, whether grown in open or under glass. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

804 Earliest Red May. Makes a remarkably quick growth and is ready for the table within 3 weeks after sowing seeds. The Radishes are of a desirable size and uniform in shape, with small tops and of excellent flavor. This is a splendid variety for the earliest crop, either outdoors or for forcing under glass. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

816 Earliest White May. A crisp turnip-shaped variety with a very small top. Extremely early and a very desirable sort for both under glass or outdoor culture. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

795 New Perfection. This type of Radish, having red skin with a white tip, has long been a great favorite, and with this variety the white portion extends much farther up than is the case with ordinary Scarlet Turnip White Tip Radish. The general contour is turnip-shape, and size medium, very uniform, with flesh crisp, tender and sparkling. The rapidity of its growth recommends "New Perfection" for growing in the greenhouse, but it is equally as valuable for sowing in the vegetable garden. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

798 New Ruby. (See Specialties, page 8.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

800 Philadelphia White Box. A good turnip-shaped white variety, remarkably long standing for an early variety. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

825 White-tipped Scarlet Gem. Leaves short and excellent for forcing; color bright scarlet with white tip. It is a very handsome variety and exceedingly rapid grower. Also listed as "Rosy Gem" in many catalogs. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

For a steady supply of crisp solid roots, sow Radish seed every two weeks.

RADISH—Continued

Early Oval and Long Sorts

773 Cincinnati Market. Ready for use in from 30 to 35 days. Of the Long Scarlet type, but larger. Roots of a clear bright red color with white crisp flesh, and grows to large size without becoming pithy. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

818 Dreer's Earliest White Olive. (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

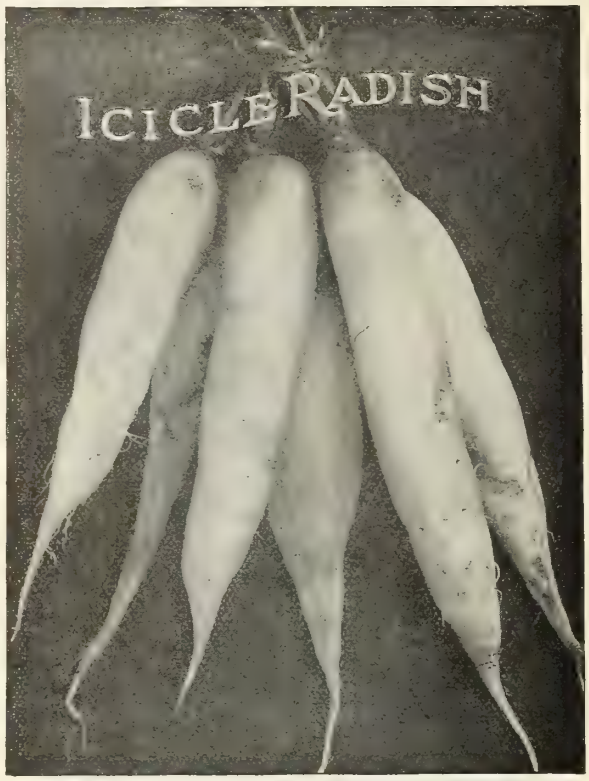
783 French Breakfast. An old reliable standard sort ready for use within 25 days after sowing seeds. Oblong shape, mild and tender. The skin is a lively pink in color on the upper portion, but lower part is pure white. Does well outside or under glass. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

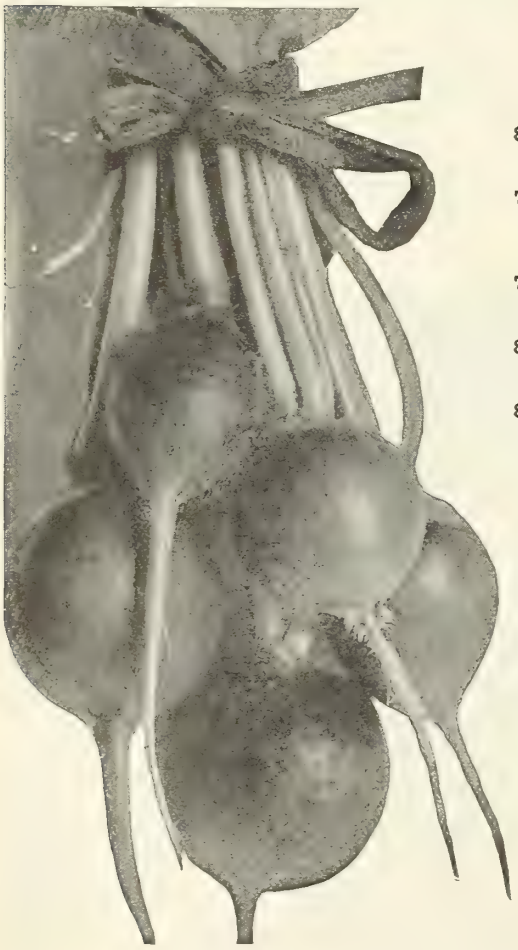
792 Long Scarlet Short Top. This is another well known established sort with long, bright scarlet roots 6 or 7 inches long, with small top. Brittle and crisp. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

Summer Varieties

This class requires longer to perfect the product, but the roots have firmer flesh and remain in fit table condition very much longer than any of the early sorts offered.

768 Beckert's Chartier. An exceedingly handsome deep scarlet sort, 7 or 8 inches long, shading to a clear white at the tip. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.





Crimson Ball Radish

814 Dreer's White Delicacy. A large root, thick at top and tapering to a point. Pure white, of fine flavor and crisp texture. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

785 Icicle. Makes radishes from four to five inches long and half to three-quarter inch thick. Matures earlier than any other long white radish, pure white, almost transparent, and very tender. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

790 Long White Vienna, or Lady Finger. Skin and flesh are pure white and slightly longer than Icicle, crisp, and of rapid growth. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

822 White Strasburg. Grows quite large, 8 to 10 inches long by 3 to 4 inches in diameter at the top. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

824 White Stuttgart. An immense top-shaped radish, of clear white color. Fine for summer and fall use. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.25.

Winter Radishes

Generally sown around July 1, the same as turnips. The Chinese type develops most rapidly, while the Spanish sorts require about 3 months to reach full size, but they keep well.

787 Long Black Spanish. 8 or 9 inches long, and 2½ or 3 inches thick at the top, black skin with solid white flesh. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

807 Round Black Spanish. Good specimens are almost round and measure 3 to 4 inches through. Skin black, flesh white, solid and pungent. A fine keeper. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

810 Scarlet China. Also known as Rose China Winter. The oblong roots grow 4 to 5 inches long, and two inches thick at lower end, and are of bright rose color. Flesh white, crisp and pungent. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

812 White Chinese, or Celestial. Roots cylindrical, and when fully developed are 6 to 7 inches long and 2 inches thick. Solid, crisp and of a mild flavor. Skin and flesh pure white. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

SPINACH

Espinard, Fr. *Espinaca*, Sp. *Spinat*, Ger.

CULTURE—For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks up to May 15th, for a succession. For winter and early spring use, sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich. No Spinach, with the exception of New Zealand will "stand" August heat without "shooting" seed stalks. Water liberally with fine spray or sprinkler after sowing seed. **One ounce for 100 feet of drill.**

Dreer's Round-Seeded Savoy Spinach

851 Savoy, Dreer's Round-seeded. An early and hardy spinach, with large broad leaves, heavily crimped and curled, and of a rich, glossy, dark green. A very desirable sort for spring and fall sowing, always being reliable and sure to produce large healthy growth. We offer a special strain which is very fine. For a Summer Spinach to follow this we would advise sowing our Improved Long Standing. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 60 cts.

853 Thick-leaf, or Viroflay. A heavy cropping spring or fall variety bearing very large smooth leaves, measuring up to 10 inches in length and 8 inches wide. Plants measure 24 to 30 inches across and well repay liberal manuring. A favorite canning sort as its smooth leaves are easily washed free from sand and grit. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts.

854 Victoria. Plants are very compact with numerous leaves of fine texture, deepest green color, heavily crimped, thick, fleshy leaves on very short stems, good quality, and "stands" for a long time before shooting to seed. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 60 cts.

849 Prickly-seeded. A vigorous and hardy variety, very productive, bearing wide leaves in abundance. Plants are long standing and are very slow to flower. Very popular in the Pacific Coast States and this sort deserves more general recognition. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 60 cts.

845 Dreer's Improved Long-standing. Most varieties of Spinach have the bad habit of shooting to seed before half of the crop has been disposed of, but the outstanding feature of the above sort is, as its name implies, its remarkable long standing qualities. The plant forms compact thick tufts, with numerous broad leaves of a rich dark green, and much crumpled. The leaf stalks are very short, being another important point in favor of this sort. A sowing of this variety every 3 or 4 weeks will insure a constant supply of this healthful vegetable. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 85 cts.

842 King of Denmark. An ideal variety for spring sowing, as plants are very slow to run to seed. Strong vigorous plants producing an immense growth of large dark green, crumpled leaves. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 60 cts.

844 Long Season. Sowings of this variety can be made in early spring and followed monthly with further sowings, and the crop will be continuous throughout the entire summer. The leaves are a rich dark green color, very thick, crumpled, and of splendid quality. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 60 cts.

847 New Zealand (*Tetragonia expansa*). Not related to the regular Spinaches, but this should be more widely grown, as it stands all summer and produces a continuous supply of good quality leaves. Forms large, spreading plants, five to eight feet across, during summer and early fall, from seeds sown during April. Soak seed in warm water for a few hours before sowing. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

New Zealand Spinach

MAMMOTH SANDWICH ISLAND SALSIFY

Salsifis, FR. **SALSIFY** *Ostion Vegetal*, SP. *Haferwurzel*, GER.

or Vegetable Oyster

One ounce for 50 feet of drill.

Culture—Succeed best in light, well-enriched mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep and water liberally with a fine spray or sprinkler, thin to 4 inches in rows. Used the same as Carrots, or, after having been boiled, make into cakes and fry like oysters, which they resemble in flavor. Cultivate the same as carrots or parsnips; it is hardy; can remain in the ground all winter for early spring use, but should be taken up before it starts new growth.

837 Mammoth Sandwich Island. Grows to very large size with a yellowish smooth skin, resembling a good-sized Parsnip. It is very mild and delicately flavored, hence very popular. The young leaves may be used as salad. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 80 cts.; lb., $2.75.

835 Long White. A favorite market variety of very fine flavor. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 80 cts.; lb., $2.75.

834 Long Black, or Scorzonera. This is grown in the same manner as above sorts, but it develops a taproot with a black skin. The roots of this variety, if not used may remain in the ground till needed and they will increase in size without losing their tenderness and fine flavor. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

Courge, FR. **SQUASH** *Calabaza*, SP. *Kuerbis*, GER.

Culture—It has only been recently that scientists have discovered the presence of remarkable quantities of vitamines in summer squash, and doctors now prescribe an abundance of squash for children backward in physical development. Sow at corn planting time, in well-manured hills, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way, and thin out to 2 to 4 plants to the hill. To repel the squash vine borer, throw a handful of tobacco dust close around the plants. The large, strong-smelling black squash bug can be kept in check by hand-picking. For yellow-striped beetle and blight, spray early and repeatedly with Bordeaux Arsenate of Lead Mixture.

One ounce of seed for 25 hills, 3 to 4 pounds to an acre.

The Earliest, Bush Varieties

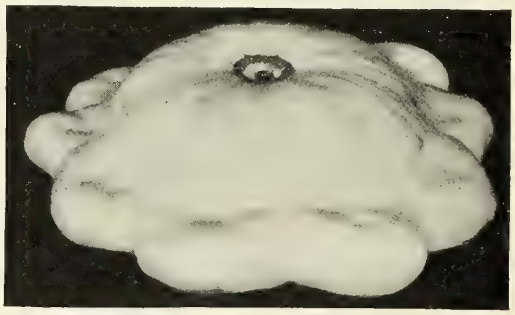
862 Cocozelle Bush. A handsome oblong dark green Italian variety liberally speckled with contrasting marks, and averaging 2 to 3 pounds each, of high quality and fine flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

867 Giant Summer Crookneck. A popular sort with large deep yellow, curved and warted fruits. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

869 Golden Custard Bush. Similar to the White Bush, but yellow. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

873 Extra Early Jersey White Bush (*Patty Pan*). Very early, fruit flat and scalloped, of cream-white color. Delicious flavor. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

877 Mammoth White Bush. Similar to Jersey Bush, but much larger. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.



EARLY JERSEY WHITE BUSH SQUASH

The Long Keeping Vine Varieties

858 Boston Marrow. Similar in size and shape to Improved Hubbard, but color is pale yellow. A good keeper of excellent flavor, and in demand for canning. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.

864 Delicious. The skin is green, with an occasional blue specimen; flesh is thick bright yellow and of splendid quality. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

871 Golden Hubbard. The earliest and most prolific, and also the smallest of the Hubbards. Skin orange red. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

872 Improved Hubbard. A standard winter sort. Skin bronze green. Flesh rich yellow and very thick. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

879 Table Queen. (See Specialties, page 8.) Pkt., 10 cts.; oz., 20 cts., ¼ lb., 60 cts.; lb., $2.00.

860 Mammoth Chili. Orange yellow. Good sort for feeding stock. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

878 Warted Hubbard. Heavily warted dark bronze green skin. The largest of the Hubbard class. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

TABLE QUEEN SQUASH (¼ size)

Vegetable Marrows

875 Long Cream. A vine sort, shape oblong with cream yellow skin and flesh. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., $1.00.

876 Long Green. Similar in shape to above but skin is a rich green. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., $1.00.

TOMATO

Tomate, Fr. *Tomate*, Sp. *Liebesapfel*, Ger.

CULTURE—For the first crop sow seeds of very early varieties like Alpha, Avon Early, Globe, or Spark's Earliana, under glass, or in the house, about middle of February, giving the young seedlings plenty of light for rapid development. When they are 3 to 4 inches tall transplant them into flats or a spent hotbed, to stand 4 inches apart each way. Give plenty of air on sunny days to harden them properly. Such plants should start bearing middle of June, and continue for the best part of 2 months. For the main crop, sow seeds of later varieties in a hotbed, or warm cold frame by April 1st. Around Decoration Day, prepare spaces 3 feet apart each way, digging the hole a foot deep and of equal diameter and filling this with well rotted stable manure or humus. Set the plants into these spaces and to prevent loss from cut worms surround the young plants with a collar of cardboard. Where the young plants are grown in paper pots, set them into the ground, pots and all, just tearing out the bottom. **One ounce of seed will produce about 2500 plants.**

The Earliest Sorts

887 Alpha. Alpha fruits come very deep and smooth, plants are distinct, with heavy wide foliage, and bear in abundance bright red fruits which ripen evenly right up to the stem, and which are solid and meaty. Pkt., 15 cts.; ½ oz., 50 cts.; oz., 75 cts.; ¼ lb., $2.00.

888 Avon Early. An exceedingly early variety, maturing a few days before Earliana. Fruits large, round and very solid, of deep scarlet. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 65 cts.; ¼ lb., $2.00.

894 Bonny Best. An early and productive variety, popular all over the country. Fruits are almost round, scarlet, somewhat flattened at stem end, and are produced in abundance. This is also a good forcing Tomato. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

938 Earliana, Spark's. A standard extra early. Fruits bright red, solid and of fine flavor. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

917 John Baer. Matures within 110 days of sowing seeds and perfects large, well-shaped, red fruits of fine flavor. The vines do not grow very large, but are productive. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

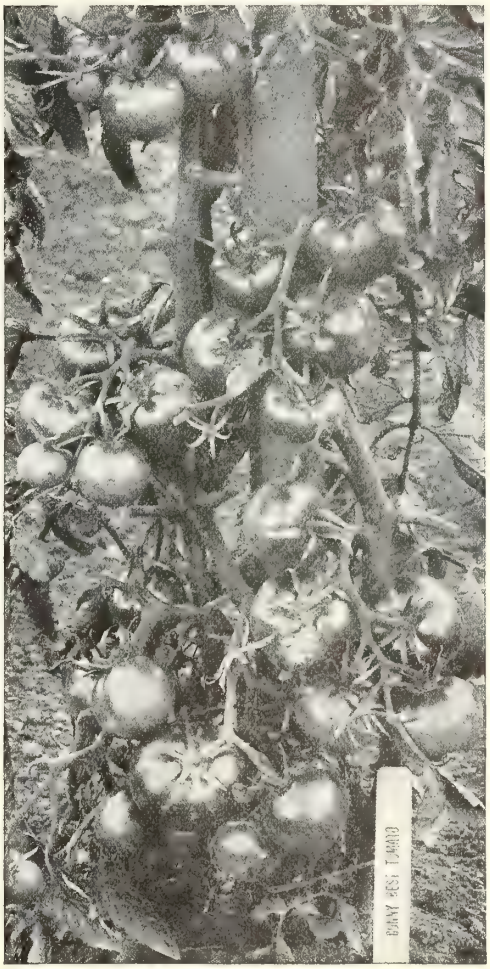
919 June Pink. May be called a pink "Earliana." Identical in all but color, this being a purplish pink. Pkt., 15 cts.; ½ oz., 50 cts.; oz., 75 cts.; ¼ lb., $2.00.

936 Red River. This is a meritorious introduction the result of the work of Dr. Yeager, of the North Dakota Experiment Station. A cross of Sunrise and a selected strain of Earliana, quality fruits are produced very early. They are of medium size, good depth, a bright scarlet color, while the flesh is quite solid. Red River undoubtedly is a valuable variety for customers in the short season Northern States. Pkt., 15 cts.; ½ oz., 50 cts.; oz., 75 cts.; ¼ lb., $2.00.

Second Early and Main Crop Varieties

891 Beauty. A very productive sort with large smooth fruits of purplish pink. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.

897 Crimson Cushion, or Beefsteak. Large size, nearly round, solid and smooth. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.



Bonny Best—Always Prolific

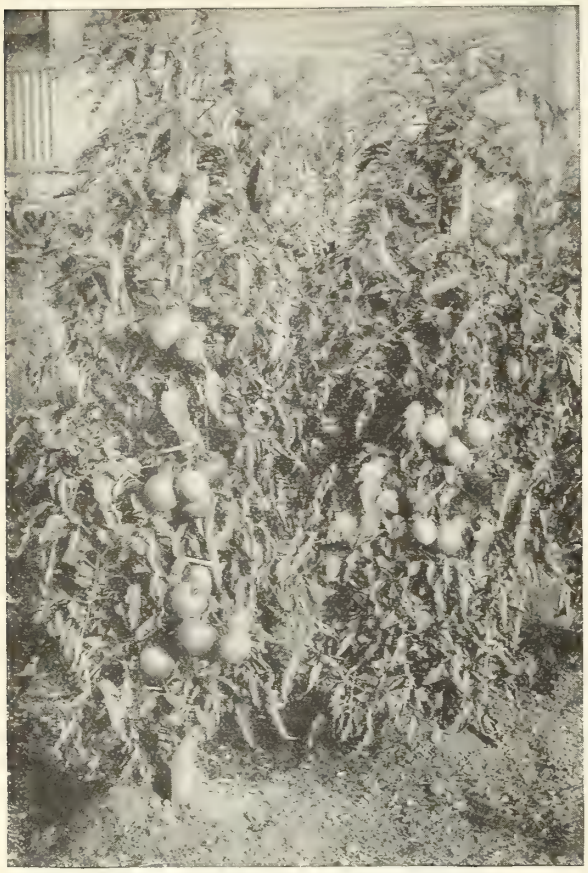
904 Dwarf Champion. Very strong dwarf plants, fruits smooth and solid of purplish-pink. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

906 Dwarf Stone. Round fruits, deep scarlet, very solid, ripens evenly and of excellent flavor. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

947 Dreer's Superb Salad. Distinctly a salad Tomato, just the right size for serving in halves or quartered, with lettuce or for putting up whole in jars. Very smooth fruit, in color a rich scarlet. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

902 Early Detroit. An early sort of large size, nearly round, skin purplish-pink. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

Strong Pot-grown Tomato Plants are offered on page 212



GLOBE TOMATO—Dreer's Select Strain

Forcing Tomatoes

900 Comet. Fruits medium size, rich scarlet, and good quality. Pkt., 15 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

921 Lorillard. Bright red, smooth, early. Pkt., 15 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

Preserving Tomatoes

The list below includes all of the popular miniature fruited sorts. They are all enormous croppers and without exception make delicious and attractive preserves.

	Pkt.	½ oz.	Oz.
944 Strawberry or Ground Cherry	$0 15	$0 40	$0 70
931 Red Cherry	15	40	70
932 Red Currant	15	45	80
933 Red Peach	15	40	70
934 Red Pear	15	40	70
935 Red Plum	15	40	70
953 Yellow Cherry	15	40	70
955 Yellow Pear	15	40	70
956 Yellow Plum	15	40	70

SORREL

Oseille, FR. *Acedera*, SP. *Sauerampfer*, GER.

Culture—Used for soups and salads on account of its pleasant acid flavor and also makes delicious boiled greens. Sow seed in any good garden soil, in shallow drills a foot apart. Thin plants to 6 or 7 inches apart and remove seed stalks as soon as they appear. When ready to gather, select only the largest leaves, thus insuring a continuous supply, one planting will last for 3 or 4 years. **One ounce for 200 feet of drill.**

839 Large-leaved Garden. The largest leaved and best variety. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

TOMATOES—Continued

910 Dreer's Select Strain of Globe. Over Florida especially, Globe Tomato now rules supreme, since no other variety we know may be picked green, crated and shipped north, arriving in as perfect condition and color as beautiful as the fruits of Globe. Fruits are borne in clusters of 4 to 6. They average 6 ounces each, are perfectly globe-shaped, except in the first clusters on which the largest specimens are inclined to be somewhat flat. Globe is among the most solid of all tomatoes, of mild flavor, and beautiful pink or purple color which never fails to attract. Pkt., 20 cts.; ½ oz., 65 cts.; oz., $1.00; ¼ lb., $3.50.

912 Golden Ponderosa. Like the original purple fruited Ponderosa, this variety grows to a large size and has the same remarkable good quality and solidity of flesh, but the color is a rich golden yellow. Of very fine appearance when sliced and served with the purple variety, the contrasting colors being very attractive and appetizing. Pkt., 20 cts.; ½ oz., 65 cts.; oz., $1.00; ¼ lb., $3.50.

913 Golden Queen. A medium sized, solid yellow Tomato, ripening slightly earlier than the above sort. Pkt., 15 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., $1.75.

923 Marglobe. (See Specialties, page 8.) Pkt., 15 cts.; ½ oz., 50 cts.; oz., 75 cts.; ¼ lb., $2.00.

924 Matchless. One of the most dependable scarlet main crop sorts, very solid and meaty. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

930 Ponderosa. The largest tomato grown, and always a popular and profitable sort for the home garden. Large purplish-pink of extraordinary solidity, and our strain produces very smooth fruits. Pkt., 15 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., $2.00.

942 Selected Stone. Probably the most widely grown Tomato in the Country. Very dependable and will produce a large crop of deep red, solid fruits. A splendid canner. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.00.

MARGLOBE TOMATO

Do you desire a pretty lawn? Turn to pages 9 and 10

PURPLE TOP WHITE GLOBE TURNIPS

Navet, FR. **TURNIP** *Nabo*, SP. *Weiz Ruben*, GER.

One ounce will sow 200 feet of drill, two pounds for an acre.

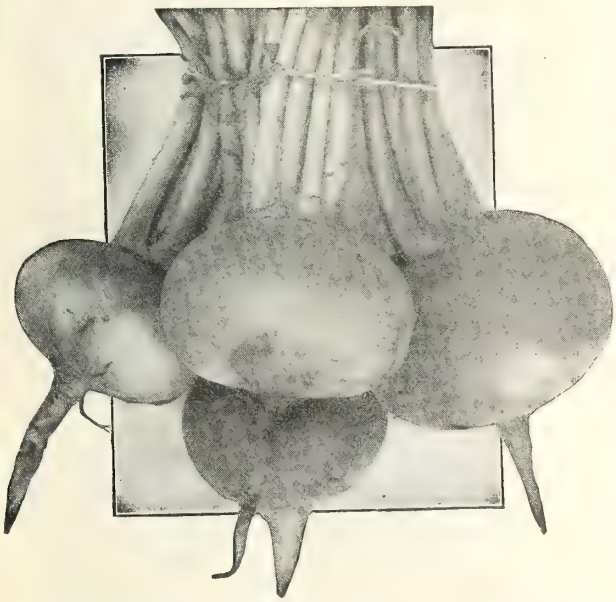
CULTURE—For early, sow seed thinly in open ground in spring in drills 18 to 20 inches apart. Thin out seedlings to 3 or 4 inches apart. For succession sow every two weeks until May 15th. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Ruta Baga sow seed in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.

960 Aberdeen Purple Top, Yellow. Very hardy and productive, good keeper, of thick slightly flattened shape and of fine quality. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

962 Golden Ball. A rapid grower of excellent flavor, globe-shaped, medium size. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

964 Long White, or Cow Horn. Grows 12 to 14 inches long, and about three inches thick, partly above ground; flesh white, fine grained and sweet. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

966 Purple Top White Globe. The most popular variety. It is round, very handsome and of superior quality. The flesh is white and skin white with purple at portion which grows above the ground. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.



ABERDEEN PURPLE TOP YELLOW TURNIPS

967 Purple-top Milan, Extra Early. Roots flat, white, with purple top. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

969 Red or Purple Top (*Strap-Leaf*). One of the earliest and most popular on our list. Roots flat, top purple, flesh fine grained and mild. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

970 Seven Top. Grown for its leafy tops only, which make excellent greens. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

972 Snow Ball. The roots have a smooth white skin and are nearly round. One of the best to sow very early in the spring. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

974 White Egg, Early. Adapted for either spring or fall sowing. The tops are small and roots are of medium size, white skin and flesh. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

975 White Milan, Early. Of high quality, roots are of medium size, flat, and pure white all through. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

976 White Flat Dutch, Early. Of quick growth and mild flavor. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

977 Yellow Globe (*Amber Globe*). It produces a globe-shape root, with smooth skin and light-yellow flesh, which is firm and sweet. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Ruta Baga

These are easily the best keepers because of their solidity. May be harvested and stored like potatoes.

979 American Purple Top. Very hardy and productive. The flesh is yellow, solid and sweet; good for stock or table use. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 90 cts.

982 Budlong's Improved. White, very sweet; much milder flavor than most other sorts; globe-shaped; skin a creamy-yellow. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

985 Dreer's Improved Purple Top. Remarkable for uniform shape and fine quality, and also a splendid keeper. Skin is smooth and flesh a beautiful yellow color and fine grained. The flavor is very sweet and tender. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

988 Golden Heart. A Danish green-top variety of large size. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

Tobacco

Offered with Agricultural Seed, see page 50.

DREER'S EXTRA RECLEANED GRASS SEEDS FOR LAWN AND FIELD

Prices of quantities over one pound are f. o. b. Philadelphia, and subject to market changes

We make a specialty of grass and clover seeds, and send out only the varieties best adapted to this country. Our supplies are secured direct from the best seed-producing districts of the world, and the seeds are of great reliability. There are numbers of our customers who, through their knowledge of the soil and climatic conditions of their immediate locality wish to procure a mixture of Grasses which they know will succeed with them and we shall be pleased at all times to submit prices of, or to prepare, mixtures for any purpose whatever according to the customers' own formula, and also will be glad to give any information desired concerning grasses and clovers. A complete list of the finest recleaned Natural Grasses will be found on this page.

KENTUCKY BLUE GRASS

Bent, Creeping (*Agrostis Species or Mixed Bent*). For Putting Greens and fine Lawns. Makes a low compact velvety growth. Lb., $1.25, postpaid. Bu., 20 lbs., $20.00; 100 lbs., $95.00.

Bent, Prince Edward Island. The finest strain of Bent Grass yet offered. Heavy solid seed of very high purity and germination. Lb., $2.00, postpaid. Bu., 30 lbs., $54.00; 100 lbs., $160.00.

Blue Grass, Kentucky Fancy Recleaned (*Poa pratensis*). Also known as June Grass, Green Grass, etc. Rated as one of the best permanent grasses, especially useful for lawns and meadows. It is the grass of the famous limestone soils of Kentucky, and is also a favorite in all the Northern States. Lb., 50 cts., postpaid. Bu. (14 lbs.), $6.00; 100 lbs., $38.00.

Blue Grass, Canadian (*Poa Compressa*). Useful for poor, thin and gravel soils. Lb., 40 cts., postpaid. Bu. (14 lbs.), $4.90; 100 lbs., $30.00.

Bermuda Grass (*Cynodon dactylon*). Invaluable for lawns and pastures in the Southern States. Lb., 55 cts., postpaid. Bu., (35 lbs.), $14.80; 100 lbs., $40.00.

Carpet Grass (*Axonopus Compressus*). For the Lawns and Pastures of the Gulf Coast States. Lb., 50 cts., postpaid. Bu. (18 lbs.), $5.60; 100 lbs., $30.00.

Crested Dogstail (*Cynosurus cristatus*). A very hardy perennial. Lb., 60 cts., postpaid. Bu. (21 lbs.), $9.20; 100 lbs., $40.00.

Chewings New Zealand Fescue (*Festuca chewings*). For fine lawns and putting greens. Lb., 60 cts., postpaid. Bu. (14 lbs.), $7.00; 100 lbs., $40.00.

Fescue, Hard (*Festuca duriuscula*). Indispensable in all Pasture mixtures. Lb., 45 cts., postpaid. Bu. (12 lbs.), $4.20; 100 lbs., $30.00.

Fescue, Meadow (*Festuca pratensis*). English Blue Grass, or Sweet Grass. A useful perennial for hay and pasture. Lb., 40 cts., postpaid. Bu. (22 lbs.), $6.00; 100 lbs., $25.00.

Fescue, Genuine Red or Creeping (*Festuca rubra*). For fine lawns and putting greens. Succeeds on sandy soils. Lb., 65 cts., postpaid. Bu. (14 lbs.), $8.40; 100 lbs., $55.00.

Fescue, Sheep's (*Festuca ovina*). Valuable for pastures. Lb., 45 cts., postpaid. Bu. (12 lbs.), $4.20; 100 lbs., $30.00.

Fescue, Fine-leaved Sheep's (*Festuca ovina tenuifolia*). Excellent for lawns. Makes a very dwarf and fine leaved growth. Lb., 75 cts., postpaid. Bu. (14 lbs.), $9.00; 100 lbs., $60.00.

Meadow Foxtail (*Alopecurus pratensis*). A perennial pasture grass, much relished by stock of all kinds. Lb., 70 cts., postpaid. Bu. (7 lbs.), $4.50; 100 lbs., $60.00.

Orchard Grass (*Dactylis Glomerata*). One of the most valuable of the pasture grasses; makes a good hay. Lb., 40 cts., postpaid. Bu. (14 lbs.), $4.20; 100 lbs., $25.00.

Red-top Grass, Extra Recleaned Seed (*Agrostis Alba*). Now popular for lawns and golf courses. Heavy, solid seed, no chaff. Lb., 40 cts., postpaid. Bu. (32 lbs.), $10.25; 100 lbs., $28.00.

Rough stalked Meadow Grass (*Poa Trivialis*). Highly recommended for fine lawns and it also is a rich pasture grass. Lb., 65 cts., postpaid. Bu. (14 lbs.), $7.50; 100 lbs., $50.00.

Rye Grass American (*Oregon grown*). Good for lawn or pasture. Extra fine, heavy seed. Lb., 25 cts., postpaid. Bu. (30 lbs.), $4.90; 100 lbs., $15.00.

Rye Grass, English Perennial (*Lolium perenne*). For winter lawns in the South and also for permanent pastures. Lb., 30 cts., postpaid. Bu. (24 lbs.), $5.00; 100 lbs., $18.00.

Rye Grass, Italian (*Lolium Italicum*). Valuable annual for hay mixtures. Lb., 30 cts., postpaid. Bu. (18 lbs.), $4.00; 100 lbs., $18.00.

Sweet Vernal Grass, True (*Anthoxanthum odoratum*). Imparts a sweet odor to hay. Relished by all stock. Use 2 to 5 lbs. per acre, in mixture. Lb., $1.00, postpaid. 10 lbs., $9.00.

Tall Meadow Oat Grass (*Avena elatior*). Lb., 40 cts., postpaid. Bu. (10 lbs.), $2.80; 100 lbs., $25.00.

Wood Meadow Grass (*Poa nemoralis*). The ideal grass for heavily shaded lawns. Lb., 90 cts., postpaid. Bu. (14 lbs.), $9.80; 100 lbs., $65.00.

Timothy (*Phleum pratense*). A valuable Hay crop. Sow ½ bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Lb., 25 cts., postpaid. Write for price per bushel.

WOOD MEADOW GRASS

DREER'S PERMANENT PASTURE GRASS MIXTURE

An acreage of good grass land is an asset to any farm and a necessity where stock of any kind is raised. Land, too, is properly rested and fertility wonderfully renewed, so that eventually, when sod is plowed down, this rich land is in condition to return heavy crops, and another acreage can be prepared for grass. Permanent Pasture Grass succeeds well after a root crop, such as Potatoes, Beets, or Mangels or Turnips has been taken off. Land should be fall plowed and left rough over winter and prepared in spring, making the seed bed as fine as possible by repeated harrowing. After seed is sown a heavy rolling is necessary, as grass requires a firm seed bed. This special mixture of Recleaned Grass and Clover Seeds, is composed of Perennial varieties, which insure at all times an abundant and nutritious food supply for all kinds of stock. It yields a heavy crop of Hay each year and supplies rich pasture all the year round. We ship out large quantities of this mixture and it has always given most satisfactory results. Sow 50 lbs. to the acre, and when ordering, kindly state whether for heavy or light soil. Bu. (20 lbs.), **$5.50;** 100 lbs., **$25.00.**

Barley

Oderbrucker. A productive and reliable six rowed bearded variety and an improvement over the old Manshurey. Lb., 25 cts., postpaid; peck, 80 cts.; bu. (48 lbs.), $3.00.

Buckwheat

Japanese. Earlier, more prolific and yields nearly double the weight per acre of other sorts. Lb., 30 cts., postpaid. Peck, 75 cts.; bu. (48 lbs.), $2.50; 10 bushels at $2.40 per bushel.

Broom Corn

Improved Evergreen. This variety is extensively grown. Brush is long, fine and straight, and always green; grows 7 feet high. Sow 10 pounds to the acre in good, deep soil. Lb., 25 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., $1.50; 50 lbs., $6.00.

Clover Seed (Write for prices per bu.)

Red Clover, Medium (*Trifolium pratense*). Sow spring or fall, 10 to 15 lbs. per acre. Lb., postpaid, 50 cts.

Red Clover, Mammoth or Sapling (*Trifolium pratense perenne*). 10 to 15 lbs. per acre. Lb., postpaid, 50 cts.

Alsike or Swedish Clover (*Trifolium hybridum*). 8 lbs. to the acre when used alone. Lb., postpaid, 45 cts.

White Dutch Clover (*Trifolium repens*). 8 lbs. to the acre alone. Oz., 10 cts.; ¼ lb., 30 cts.; ½ lb., 50 cts.; lb., 95 cts., postpaid. By express or freight, at purchaser's expense, lb., 85 cts.; 5 lbs., $4.00; 10 lbs., $7.75; bu. (60 lbs.), $45.00; 100 lbs., $75.00.

Sweet Clover, Bokhara (*Melilotus alba*). A valuable soil improver. 20 lbs. to the acre. Lb., 30 cts., postpaid.

Japan Clover (*Lespedeza striata*). 14 lbs. per acre. Lb., 50 cts., postpaid. 14 lbs., $5.60; 100 lbs., $35.00.

Crimson, or Scarlet Clover. Valuable for hay, or for cover crop or green manuring. 20 lbs. per acre. Lb., postpaid, 30 cts.

Alfalfa, or Lucerne (*Medicaga sativa*). Produces 3 to 4 heavy crops in a season. Lb., 40 cts., postpaid. Write for special leaflet.

Ensilage Corn

Sow 1 to 1½ bushels to the acre, in rows 3½ feet apart.

Red Cob Ensilage. One of the very best varieties and grows well in all sections. It is a pure white Corn on a red cob, making a growth of stalk measuring 12 to 14 feet high. Lb., postpaid, 30 cts.; peck (14 lbs.), 90 cts.; bu. (56 lbs.), $3.50.

Sweet Fodder Corn. For soiling or ensilage. Sow in drills at the rate of 2 bushels to the acre. Lb., postpaid, 30 cts.; peck (12½ lbs.), $1.35; bu. (50 lbs.), $5.00.

Field Corn

Sow 8 quarts to the acre early in May.

Perfected Golden Beauty. An improved strain of Golden Beauty obtained by careful selection. The ears contain from 10 to 14 rows of extremely large, broad grains, which are of a rich, golden-yellow color, and the cob is small. Lb., postpaid, 35 cts.; peck, $1.10; bushel, $4.00.

Leaming Gourd Seed. A good early variety which ripens in about 110 days. Ears good size, cob red, grains medium in size and deep yellow. Lb., postpaid, 30 cts.; peck, 90 cts.; bushel, $3.50.

Early Yellow Canada. A ninety-day Corn, used in this latitude for replanting. Ears are 12 to 14 inches long, of rich yellow color. Lb., postpaid, 30 cts.; peck, $1.15; bushel, $4.00.

Pusey Cloud Yellow Dent. A prize winning variety at many Eastern Corn Shows. It matures in 100 to 110 days, and will yield 75 to 100 bushels of shelled Corn to an acre. The ears measure about 10 inches in length. Lb., postpaid, 30 cts.; peck, 90 cts.; bushel, $3.50.

Early Mastodon Dent. A Dent Corn suitable for Northern sections, as it matures in about 110 days. The stalks grow rapidly and to a good size, producing excellent fodder and an abundant crop of corn. Lb., postpaid, 35 cts.; peck, $1.10; bushel, $4.00.

Early 100-day Bristol. One of the earliest large Dent varieties. It is productive, and ears are a good size with light yellow grains. Lb., postpaid, 30 cts.; peck, 90 cts.; bushel, $3.50.

Johnson County White Dent. A prolific variety which produces large ears, well filled. Grains are long and set close on the cob, which measures about ten inches in length and contains from 18 to 24 rows of grain. Lb., postpaid, 30 cts.; peck, 90 cts.; bushel, $3.50.

Mangel Wurzel

Sow 6 lbs. to acre, in May or June, in rows 2 feet apart, and thin to 9 inches. Give the crop good cultivation.

177 Mammoth Long Red. This is a favorite variety with Dairymen. Produces enormous crops of fine solid Roots. Splendid keeper. Oz., 10 cts.; ¼ lb., 30 cts.; lb., 85 cts.; 10 lbs., $7.50.

178 Red Globe. A large red oval variety; keeps well and produces better crops on shallow soil than the Long Red. Oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00; 10 lbs., $9.00.

173 Golden Tankard. Indispensable owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin. Oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00; 10 lbs., $9.00.

Prices for larger quantities than one pound are f. o. b. Philadelphia, and subject to market changes
Write for special quotations on large quantities—Samples on request

Prices for larger quantities than one pound are f. o. b. Philadelphia and subject to market changes.

Sugar Beets

Sow same as Mangels, except thin to 6 to 8 inches in the row.

170 Klein Wanzleben. Without question the best in cultivation; not the largest in size, but the richest in sugar content. Oz., 10 cts.; ¼ lb., 25 cts.; lb., 70 cts.; 10 lbs., by express, $6.00.

171 Lane's Improved White Sugar. This Beet attains a large size and grows considerably above the ground. Oz., 10 cts.; ¼ lb., 25 cts.; lb., 70 cts.; 10 lbs., by express, $6.00.

Millet

German, or Golden Millet (*Panicum Germanicum*). A valuable early annual hay and fodder crop. Matures within two months. Sow 1 bushel to the acre. Lb., postpaid, 25 cts.; bushel (50 lbs.), $3.50.

Hungarian Millet (*Panicum Hungariensis*). An annual forage plant, early and productive, growing 2 to 3 feet high. Sow 1 bushel to the acre. Lb., postpaid, 25 cts. Bushel (48 lbs.), $3.50.

Egyptian, or East India Pearl Millet (*Penicillaria spicata*). Grows from 8 to 10 feet high. For fodder, sow 5 pounds in drills 3 feet apart, thin out in rows to 1 foot apart. Lb., 40 cts., postpaid. Bushel (50 lbs.), $7.00.

Japanese Barn-yard Millet (*Panicum Crus-galli*). An excellent fodder plant; grows 6 to 8 feet high. Sow from middle of May to end of July, if broadcasted use 12 lbs. to acre, or if drilled 8 lbs. to acre. Lb., 25 cts., postpaid. Bushel (35 lbs.), $4.20.

Oats

Storm King. It makes a strong growth of straw, with large well-filled heads, which have a tendency to be one-sided, and grains are white, large and heavy. "Storm King" has made a yield of from 60 to 70 bushels per acre, and we recommend it strongly. Peck (8 lbs.), 60 cts.; bushel (32 lbs.), $2.15; 10 bushels or over, $2.00 per bushel.

Swedish Select. Native to Northern Europe, this is a splendid variety for all sections, and particularly so to our States North of this latitude. A very productive sort, the straw is heavy and stiff and the grains plump and attractive in appearance. Peck (8 lbs.), 60 cts.; bushel (32 lbs.), $2.00; 10 bushels or over, $1.90 per bushel.

Note—The measured bushel of the two sorts offered weighs 42 or 43 lbs. The Pennsylvania standard weight, however, is only 32 and it is at this latter weight that we quote.

Field Peas

Canadian Field Peas. Valuable for Northern climates for cattle-feeding and for green soiling. Sow 3 bus. per acre alone, or 1½ bus. with 1 bu. oats. Lb., postpaid, 25 cts.; peck, $1.25; bushel (60 lbs.), $4.50.

New Era Cow Peas. An upright-growing variety, which matures quickly and produces a large crop of Peas. The vines are small but cure nicely and make a good forage. Lb., postpaid, 30 cts. Write for price per bushel.

Whip-poor-will Cow Peas. A standard early variety; grows upright, vigorous, and the crop is easy to harvest. We sell more of this variety than any other, and consider it the best for general purposes. Lb., postpaid, 30 cts. Write for price per bushel.

Soja Beans

Wilson. An excellent variety for Middle and Eastern States. Grows 36 to 44 inches high, branches well, holds leaves and the seeds do not shatter from pods after cutting. Lb., postpaid, 30 cts. Write for price per bushel.

Mammoth Yellow. Valuable as a forage crop and for silo purposes on account of its heavy foliage. It matures late and is therefore valuable for growing in the Southern States. For the Northern and Middle States we advise using Wilson. Lb., postpaid, 30 cts. Write for price per bushel.

Rape

Dwarf Essex Rape. A valuable forage plant relished by all kinds of stock, and especially hogs, and which can be sown in this latitude in April for early crop, or as late as September for fall crop. Makes a quick and vigorous growth and stock can be turned on it in 7 or 8 weeks. Sown broadcast at the rate of 10 lbs. to the acre, or 5 lbs. in drills. Finest imported seed. Lb., 25 cts., postpaid. By express at purchaser's expense, 5 lbs., 60 cts.; 10 lbs., $1.10; 50 lbs., $5.00.

Tobacco

Tabak, Fr. *Tabaco*, Sp. *Tabac*, Ger.

One ounce of good seed is sufficient for an acre.

Culture—Sow seed for plants early in spring in frames or seedbed, using soil well enriched with wood ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

884 White Burley. The favorite of Kentucky. Light-colored leaves of fine flavor and aroma. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.

881 Connecticut Seed Leaf. One of the best varieties for cigar wrappers. The leaves are of good width and length and grow closely on stalk. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.

882 Havana. The seed we offer is the best Vuelta Abajo, obtained by us direct from Cuba, and is the finest flavored tobacco grown. Pkt., 15 cts.; ½ oz., 35 cts.; oz., 65 cts.

883 Pennsylvania Seed Leaf. Produces a very large, handsome leaf of good quality. Extensively grown in Lancaster County, Pa. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.

Miscellaneous Farm Seeds

Johnson Grass, or Sorghum Halepense. A Southern fodder plant which grows to a height of 30 inches. Per lb., 30 cts., postpaid. 5 lbs., $1.10; 10 lbs., $2.00; 50 lbs., $10.00.

Kaffir Corn (*Red*). Good forage and the corn is good food for poultry. Use 4 to 5 lbs. per acre. Lb., 25 cts., postpaid. 5 lbs., 60 cts.; 10 lbs., $1.00; 50 lbs., $4.00.

Spring Rye. Grown for grain crop or turning under to improve the soil. Sow 1½ bushels to the acre. Lb., postpaid, 25 cts. Write for price per bushel.
Rye for Fall seeding will be offered in our Autumn Catalogue.

Sorghum, or Early Amber Sugar-cane. Most productive variety and a favorite forage crop in Southern States. Height, 10 to 12 feet. Sow 5 lbs. in drills, or 75 lbs. broadcast to acre. Lb., 25 cts., postpaid. 5 lbs., 50 cts.; 50 lbs., $4.00.

Sudan Grass. A forage plant valuable in the middle West. Grows from six to ten feet high. Sow seed when ground has become warm, 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn. Lb., 30 cts., postpaid. 10 lbs., $1.30; 50 lbs., $5.00.

Vetches, or Tares, Spring (*Vicia Sativa*). Highly valuable for soiling or for green manuring. Use 2 or 3 bushels to acre, broadcast, or 1 to 2 bushels in drills. Lb., 30 cts., postpaid. Write for price per bushel.

Vetches, or Tares, Winter (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. A great soil improver, and a nutritious green fodder or hay crop. For Fall sowing. Sow 1 bushel per acre, with 1 bushel of rye. Price per lb., 40 cts., postpaid. Write for price per bushel and special leaflet.

Wheat, Marquis. An excellent spring variety producing large beardless heads. Extremely hardy. Sow 1½ bushels to the acre. Lb., postpaid, 25 cts. Write for price per bushel.
Wheat for Fall seeding will be offered in our Autumn Catalogue.

Yellow Milo Maize. This crop is grown like corn, and may be cut several times for green forage; also used for ensilage, or cured like sorghum. 4 to 5 lbs. per acre. Grows to a height of 8 to 10 feet. Lb., 25 cts., postpaid. 5 lbs., 60 cts.; 10 lbs., $1.00; 50 lbs., $4.00.

A Border of Pink Geraniums Edged with Sweet Alyssum

WE GIVE close attention to this department, which is probably the largest in quantity and variety in this country, nearly one thousand species and varieties being offered.

Our Flower seeds have a world-wide reputation, and we grow and save on our own grounds at Riverton more varieties than any other American Seedsman. Our constant aim is to secure the very best strains obtainable, and spare no pains or expense with this object in view. Our strains of Asters, Carnations, Petunia, Verbena, Zinnia, etc., are grown by the leading private gardeners and commercial florists, and are acknowledged to be superior in all respects.

SUCCESS WITH FLOWER SEEDS

We are convinced that many of the failures with flower seeds are due to lack of proper conditions, and while it would be impossible in the space at our disposal in this catalogue to give explicit directions for each and every variety which we offer (but which is given on each packet of flower seeds we sell), we feel sure that if the general directions given below are followed success will be the rule. These directions, we may say, are written for the latitude of Philadelphia. Customers living in other sections can readily adapt them to their localities.

For all flower seeds which should be started indoors, and this includes many of our best and brightest summer flowers, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbenas, etc., the best plan is to sow in seed pans or boxes (about 2 inches deep) which should be filled to the depth of an inch with broken pots, coal ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each of sand, leaf mould and light garden loam. Press firmly and evenly and water thoroughly the day before sowing. Sow the seeds thinly over the surface, cover about one-eighth of an inch and pressing firmly; cover with a pane of glass and one or two thicknesses of newspaper to prevent the too rapid evaporation of the moisture and keep in a temperature between 60° and 70°. Water carefully as needed. The importance of uniform attention to this detail is one that can only be learned by experience and observation. To omit a single watering, or too frequent, indiscriminate watering, usually leads to failure. Remove the glass, or covering, as soon as the seeds have germinated, and when the seedlings are large enough to handle, they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air, otherwise the young seedlings are liable to "damp off."

Do not be in too much of a hurry in starting Flower Seeds. Germination is likely to be somewhat slow and uncertain during January and February, and the amateur is likely to obtain much better results when the seeds are sown nearer their natural time to germinate. It has been said that most of the annual flowers, the seed of which is better to be started indoors, should be sown one month in advance of the time you expect to transplant the seedlings to their flowering quarters in the garden. When sown too early they are likely to become, as the result of lack of space and air and an excess of temperature, long and lanky and woody, and such plants are not so desirable as short stocky well rooted seedlings.

For most of the ordinary annual flowers, such as Sweet Alyssum, Calliopsis, Calendula, Marigold, Mignonette, Nasturtium, etc., the simplest method is to sow directly out of doors when danger of frost is past in the space where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly, either in lines or beds, covering not over four times their size, and firming the soil over them. It is advisable to mix the finer seeds with five to ten times its bulk of dry sand or wheat flour, this enables you to make a more even distribution. Should they come up too thickly, as most of them are likely to do, thin out so that the plants will stand from 4 to 12 inches apart according to the variety. This plan is also adapted to many varieties usually started indoors, including Asters, Verbenas, Celosias, Stocks, Salvia, etc., but as a rule their germination is more certain under glass, and as they begin to flower so much earlier when started indoors, the extra trouble is well repaid for by their increased blooming period.

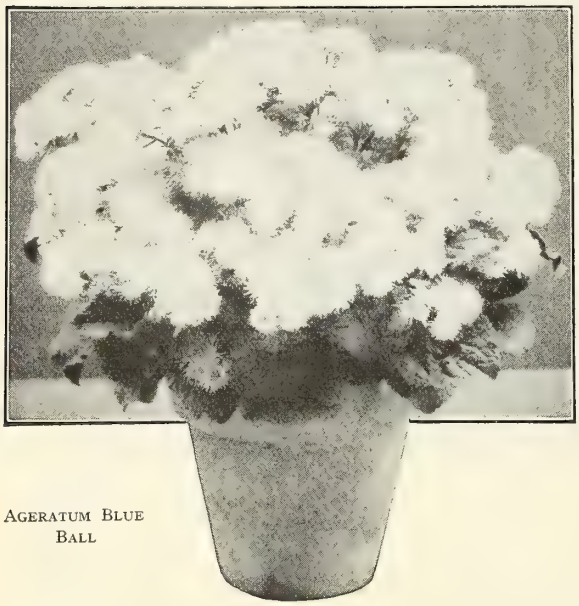
We will be pleased to send our customers on request a leaflet entitled—

Hints on the Growing of Flowers from Seed, covering the details of sowing both Annual and Perennial Flower Seeds.

NOVELTIES AND SPECIALTIES IN

Flower Seeds for 1930

For General List of Flower Seeds, see Pages 63 to 118



AGERATUM BLUE BALL

Ageratum "Blue Ball"

1072 We consider this a really valuable addition to the list of Ageratums. The compact, ball-shaped plants grow 6 inches high, of unusual uniformity of growth, bearing over a long season large flossy flowers of a deep Ageratum blue. Makes a wonderful blue line or border. 15 cts. per pkt.

Dreer's Long-spurred Aquilegias or Columbines

While all the varieties of Columbines described and offered on page 67 are beautiful and much admired, this strain is unquestionably the finest yet produced. The plants are of strong thrifty growth with flowers of largest size, varying in color through charming tones of cream, pink, lavender, blue, white, red, etc.

PER PKT.

1203 Blue and Lavender shades.....$0 25

1204 Scarlet and Red shades..... 25

1205 Pink and Rose shades..... 25

1208 Collection of a packet each of the above 3 colors for 60 cts.

1206 Dreer's Long-spurred Hybrids mixed. A wonderful mixture containing all the beautiful tints and tones and color combinations for which this strain is famous, hardly two being exactly alike. 50 cts. per ⅛ oz..... 15

Aquilegia Coerulea Improved

1196 Mrs. Nicholl's Strain. The charming Rocky Mountain Columbine unfortunately lacks the vigor to withstand the peculiar climatic conditions in the Eastern States. This improved strain developed by an English specialist is of stronger more robust habit with bolder long-spurred flowers of a richer shade of blue, a really worth while improvement which seems to do well under ordinary conditions. 25 cts. per pkt.

Antirrhinum (Snapdragon)

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer three distinct types, the large-flowering, tall-growing or giant, the equally large-flowered, half-dwarf variety, and the new maximum variety. In our trials the seeds sown out of doors the first week of May came into bloom early in July, remaining in full flower until November. For earlier flowering, they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable. We have made exhaustive tests of scores of varieties, and offer the following as being the best in their respective colors.

Maximum or Super-Giant Sorts

A new strain of tall strong growth producing long spikes of gigantic flowers; 3 feet. PER PKT.

1151 Appleblossom. Soft appleblossom-pink.....$0 20

1152 Canary Bird. Canary yellow with deeper yellow lip 20

1153 Copper King. Bronzy copper color..... 20

1154 Old Gold. Rose on yellow ground..... 20

1155 Snowflake. Dazzling white..... 20

1156 The Rose. Rich rose-pink..... 20

1159 Collection containing a packet each of the 6 sorts, $1.00.

1160 Super-giant Mixed. All colors, 15 cts. per pkt.; ¼ oz., 60 cts.

Large-Flowering Giant Sorts

A splendid strain growing about 30 inches with long spikes of very large, individual flowers. PER PKT.

1181 Crimson King. Rich velvety garnet crimson.....$0 10

1183 Golden King. Rich yellow..... 10

1182 Fire King. Brilliant orange scarlet..... 10

1184 Cardinal. Dazzling scarlet..... 10

1185 Queen Victoria. Purest white..... 10

1186 Rose King. Soft silvery rose..... 10

1189 Collection of a pkt. each of the above 6 sorts, 50 cts.

1190 Finest Mixed. All colors, ¼ oz., 30 cts.; oz., $1.00... 10

Large-Flowering Half-dwarf Sorts

A splendid type, growing about 18 inches high, the best for bedding purposes. PER PKT.

1171 Silver Pink. Soft pearly pink.....$0 10

1162 Fawn. Rose and gold..... 10

1164 Golden Queen. Rich yellow..... 10

1165 Flame. Brilliant fiery scarlet..... 10

1167 Prima Donna. Amber overlaid chamois, effect apricot pink..... 10

1168 Purity. Snowy white..... 10

1179 Collection of a pkt. each of the above 6 sorts, 50 cts.

1180 Choice Mixed. All colors, ¼ oz., 40 cts.; oz., $1.25... 10

Three Beautiful Snapdragons

The sorts offered below belong to the Grandiflora Half-dwarf section, and are unusually attractive in color.

1163 Gloria. Effective, rich, glittering deep rose.

1169 Pink Perfection. One of the most beautiful of the many pink Snapdragons; an exquisite Hermosa-pink slightly suffused salmon; spikes and flowers of largest size; extra fine.

1166 Peerless Pink. One of our own introductions. The flowers are of immense size, two inches and over across and the color, an even tone of soft shell-pink, the finest clear pink variety yet introduced.

Price. Any of the above, 15 cts. per pkt.

1178 Collection of a pkt. each of the three sorts for 35 cts.

Anchusa Italica Lissadell

1139 A greatly improved form of the popular Dropmore variety, being of sturdier habit of growth, freer-flowering, the blooms larger, and in color a more brilliant blue. Really a splendid selection. 25 cts. per pkt.

DREER'S SIX FAMOUS AMERICAN ASTERS

The following six sorts embrace several distinct types and colors, which we feel sure will, on account of their free growth, profuse flowering, large size, and general excellence, give entire satisfaction to the most critical growers of this popular flower.

1273 Purple Beauty. Very large double flowers of a rich glittering purple. 15 cts. per pkt.

1281 Crego's Giant White. The finest white Comet Aster, bearing immense fluffy flowers 5 inches and over in diameter. 10 cts. per pkt.; 75 cts. per ¼ oz.

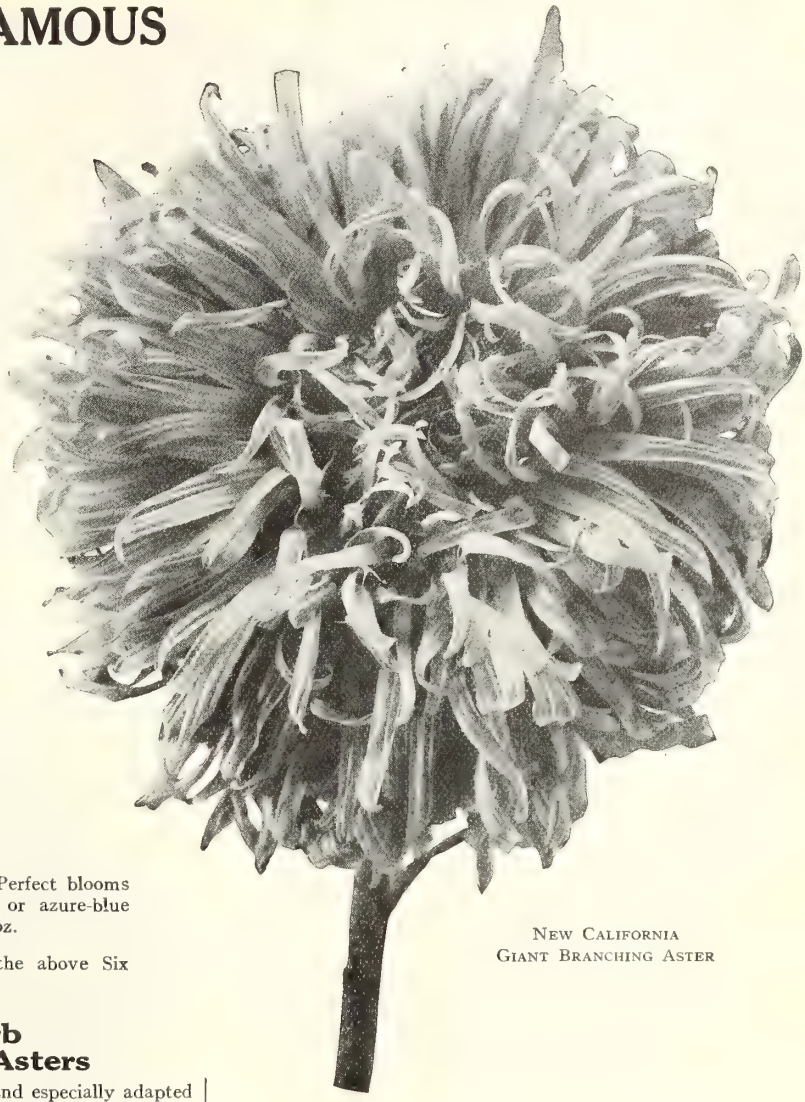
1305 Dreer's Crimson Giant. Densely double flowers of rich blood-crimson. 15 cts. per pkt.; 75 cts. per ¼ oz.

1346 Rose King. Handsome double-quilled flowers of a brilliant rose color. A great favorite for cutting. 10 cts. per pkt.

1393 Dreer's Peerless Pink. This is conceded to be the finest shell-pink late-branching Aster ever offered; magnificent blooms, many measure 5 inches across by 2½ inches in depth, forming an almost globular flower. 15 cts. per pkt.; ¼ oz., 75 cts.

1451 Late Branching Azure Blue. Perfect blooms of a wonderful rich deep lavender or azure-blue color. 10 cts. per pkt.; 60 cts. per ¼ oz.

1338 Collection of a packet each of the above Six Famous Asters for 50 cts.



New California Giant Branching Aster

Dreer's Superb Late Branching Asters

This superb strain, of American origin, and especially adapted to our climatic conditions, has long been one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. They come into bloom from two to three weeks after the average type, usually being at their best during September and October, and if only one variety of Asters is wanted we recommend this type as the most likely to give the greatest satisfaction. We offer eight beautiful and distinct colors, as under:

	PER ¼ OZ.	PER PKT.
1451 Azure-blue. A deep rich lavender	$0 60	$0 10
1452 Deep Crimson. Rich and glowing	60	10
1453 Deep Rose. Distinct and fine	60	10
1455 Pale Lavender. Exquisite grayish-blue	60	10
1456 Deep Purple. A rich royal shade	60	10
1457 Rose Pink. A lovely shade	60	10
1461 Shell-pink. Soft and dainty	60	10
1467 Pure White. Perfect in its purity	60	10

1469 Collection, containing a packet each of the above 8 colors, 60 cts.

1470 Finest Mixed. All the colors mixed. 10 cts. per pkt.; 50 cts. per ¼ oz.; $1.50 per oz.

New California Giant Branching Asters

We have had this strain under observation for several years, and it now fully meets with our ideas as to quality. It is a splendid mid-season to late flowering strain, the result of years of painstaking selection by one of California's leading hybridizers. The plants grow from 3 to 3½ feet high with long strong stems 18 to 24 inches in length, bearing beautifully formed, curled and interlaced flowers 5 inches and over across. The illustration shown on this page was made from a photograph taken on August 20th. We offer the following beautiful colors:

	PER PKT.
1291 Lavender Blue	$0 20
1292 Peach Blossom	20
1293 Pure White	20
1294 Deep Purple	20
1295 Rich Rose	20
1296 Parma Violet	20

1299 Collection, containing a packet each of the above 6 colors, $1.00.

1300 Finest Mixed. Containing all colors. 15 cts. per pkt.; ¼ oz., 75 cts.

NEW CALENDULA RADIO

Calendula Radio

1680 This European novelty is quite distinct from any other Calendula. The petals of the large, perfectly double flowers, instead of being flat like the varieties now on the market, are beautifully quilled, forming an almost globular flower. In color a rich glittering orange. The illustration shows the form of the flower perfectly. 25 cts. per pkt.

Calendula "The Ball"

1685 A splendid variety, developed by a commercial florist for cut flowers, in color a rich golden orange with light centre, flowers very large and double borne on long strong stems and equally as good for show in the garden as for cutting. 15 cts. per pkt.

Chabaud's Giant Double Carnation

This race of Carnations raised by the famous French specialist Chabaud is by far the finest strain we have ever seen. Blooms in five months from time of sowing and produces flowers that compare favorably with the finest greenhouse-grown product. We can supply as follows:

	PER PKT.		PER PKT.
1811 Blood-red	$0 25	**1814 Scarlet**	$0 25
1812 Yellow	25	**1815 Flesh-pink**	25
1813 Rose	25	**1816 White**	25

1818 Collection of a packet each of the above 6 colors, $1.25.

1820 Finest Mixed. Containing all the colors, 25 cts. per pkt.; ¼ oz., 75 cts.

Campanula Rotundifolia

(Blue Bells of Scotland) PER PKT.

1731 This beautiful variety famous in song and story, grows about a foot high with branched wiry stems and graceful drooping mid-blue bell-shaped flowers, a splendid subject for the rockery or front of hardy border.....$0 25

Cheiranthus

Very pretty dwarf hardy biennial plants, usually handled as annuals flowering freely through the summer from seed sown in spring; for early spring flowering sow in late summer. Splendid for rockery.

1915 Allionii (*Siberian Wallflower*). About 12 inches high with heads of brilliant orange flowers. 40 cts. per ¼ oz.$0 15

1916 Linifolium (*Alpine Wallflower*). Forms compact plants about 9 inches high with numerous small spikes of bright mauve flowers, makes a very neat line..... 15

Double-flowering Coreopsis

Coreopsis Lanceolata Grandiflora Fl. Pl.

2072 Coreopsis Lanceolata has for a long time been a gem in the perennial border and one never grows tired of the masses of golden yellow blooms which it produces, which are decorative in the garden and invaluable as cut flowers. This new double and semi-double form is just as easy to grow and the extra petalage adds a further charm to the flower. 15 cts. per pkt.; 50 cts. per ¼ oz.

Giant Cowslip

2112 Invincible Giant. Quite distinct from the ordinary Cowslip, both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. The colors range from pure yellow and orange to the deepest scarlet and crimson...$0 25

NEW DOUBLE-FLOWERING COREOPSIS LANCEOLATA GRANDIFLORA

Do not fail to try the Lovely Annuals illustrated in colors on plate opposite page 56

Double-flowering Cosmos

It has taken a great deal of care and patience to perfect this strain. The flowers vary considerably in their degree of doubleness, some being absolutely double, while others have a frill or collar surrounding the double disc, and while we think this is the most artistic, they are beautiful in either form, of high value for cutting and garden decoration. We offer both the Early and Late flowering strain, for points north of Philadelphia, the early flowering is best.

Early-flowering Double Cosmos

PER PKT.

2076 Carnelia. Rich rosy crimson $0 25
2077 Peachblossom. Deep rose-pink 25
2078 Whirlwind. Pure white 25
2079 Collection of a packet each of the 3 early doubles, 60 cts.
2080 Early Double Mixed. 75 cts. per ¼ oz 20

Late-flowering Double Cosmos

2081 Crimson King. Deep rose crimson 20
2082 Pink Beauty. Soft rosy pink 20
2083 White Queen. Pure white 20
2098 Collection of a packet each of the 3 late doubles for 50 cts.
2084 Late Double Mixed. All colors, 50 cts. per ¼ oz 15

Cynoglossum Amabile

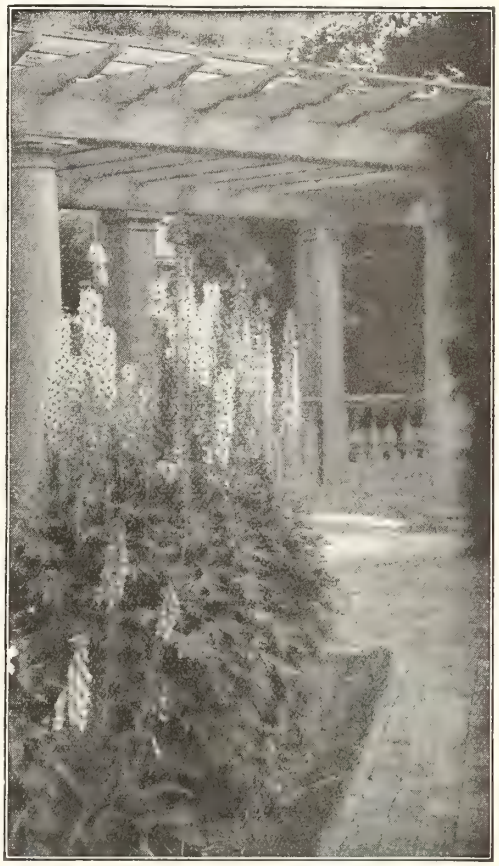
(Chinese Forget-me-not)

2148 An annual recently introduced from China; of the easiest culture, forming strong plants about 18 inches high and producing through the summer months sprays of intense blue Forget-me-not-like flowers. A splendid addition to the comparatively short list of real blue flowers. We have received numerous favorable reports on this pretty annual. 15 cts. per pkt.; 40 cts. per ¼ oz.

Dreer's Select Delphiniums (Hardy Larkspurs)

2219 Belladonna Improved (*Everblooming Hardy Larkspur*). A reselected strain that is much superior to the ordinary type, having larger flowers, of purer color, and the plants of stronger, freer growth. This is the freest and most continuous blooming Hardy Larkspur. The clear turquoise blue of its flowers is not equalled for delicacy and beauty. A really exquisite variety. 25 cts. per pkt.

2221 Bellamosum. This is a rich, deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities. 25 cts. per pkt.



Dreer's De Luxe Hybrid Delphiniums

Dreer's De Luxe Hybrid Delphiniums

Produced from the world's choicest named varieties, secured without regard to cost from the most noted European and American specialists. The results obtained were really marvelous; the plants of strong, vigorous habit with large spikes of enormous flowers in every shade of blue from the palest lavender to the richest oxford-blue as well as a number of pastel or art shades. Fully one-third were double-flowering and mostly with white centre or eye, but with a fair percentage having the dark or bee centre. A really wonderful strain that is sure to produce results to please the most critical grower of this popular favorite.

PER PKT.

2241 De Luxe Hybrids Light Blue and Lavender Tones $0 35
2242 De Luxe Hybrids Mid-Blue Tones 35
2243 De Luxe Hybrids Dark Blue Tones 35
2249 A packet each of the 3 colors, $1.00.
2245 De Luxe Hybrids Choicest Mixed. Containing all colors from lightest to deepest blue .. 25

Early Flowering Double Cosmos

Giant Shirley Foxgloves (Digitalis)

2361 This magnificent strain raised by the late Rev. W. Wilks, to whom we are also indebted for the Shirley Poppies, is unquestionably the greatest improvement ever made in Foxgloves. The very vigorous plants attain a height of 5 to 7 feet, with spikes of bloom 4 feet in length, closely set with flowers of unusual size, ranging in color from the purest white to dark rose, handsomely spotted and blotched with crimson, maroon and chocolate. This is certain to supersede all other strains of Foxgloves. Seed sown this spring will produce plants that will make a glorious show next season. 15 cts. per pkt.

The Five Fine Annuals illustrated in colors opposite page 56 are well worth growing

DREER'S FIVE FINE ANNUALS FOR 1930

Of the vast number of flowering annuals which we offer, all of which have merit, there are a goodly number which, owing to their ease of culture, brilliant flowers and general excellence, place them in a preferred class. The five sorts illustrated in colors on the plate opposite and described below belong in this preferred class, and you will make no mistake giving them a prominent place in your flower garden.

PER PKT.

1216 Arctotis Grandis (*Blue-eyed African Daisy*). A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. It is easily grown from seed and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window every one will open and produce as fine flowers as though left on the plant. ¼ oz., 30 cts. $0 10

1704 Calliopsis Tinctoria Splendens. One of the showiest varieties, the very large flowers are bright yellow and maroon, about evenly divided. ¼ oz., 25 cts. 10

PER PKT.

2342 Dianthus Latifolius Atrococcineus Fl. Pl. (*Everblooming Hybrid Sweet William*). This is a cross between an annual pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson scarlet. While this is a biennial, it comes into bloom from seed as quickly as an annual. ¼ oz., 50 cts. $0 15

2551 Gilia Capitata. This is a very graceful annual, growing about 2 feet high with fine feathery foliage and bearing freely over a long season globular heads, about 1 inch across, of rich lavender blue flowers, which last well when cut and retaining its lovely color when dried. ¼ oz., 25 cts. 10

2936 Larkspur Exquisite Pink Improved. A much wanted color in the splendid Double Stock-flowered type and similar in all respects to the others offered on page 94, but of a soft yet bright rose-pink color that makes a charming and effective bunch when cut and equally as effective in the garden. ¼ oz., 50 cts. 15

Price. 1132 Collection of a packet each of the 5 sorts, 50 cts.
1128 Collection of ¼ ounce each of the 5 sorts, $1.50.

Annual Gaillardia Indian Chief

2498 An exceptionally rich colored variety, having a dark brown centre, the petals a glittering metallic bronzy red. In all other respects similar to the popular annual Gaillardia. 15 cts. per pkt.

Portola Giant Hybrid Gaillardia

2507 These new hybrids are of strong, vigorous, upright habit, from 2½ to 3 ft. high with heavy, leathery, glaucous foliage; the long flower stems, straight and strong, hold the massive flowers erect. These are of extraordinary size, 3½ inches and over in diameter; petals very broad, overlapping, of great substance, and spread out flat, forming a very symmetrical flower. In color, they are of a rich bronzy red, tipped with a border of varying widths of golden yellow. 25 cts. per pkt.

Gypsophila Paniculata Double Snow White

2695 One of the most important hardy perennials of recent introduction. The plant grows from 3 to 3½ feet high, bearing its pretty little double white flowers in much-branched panicles which, when cut, can be used to great advantage with other flowers or by themselves as they retain their beauty for months. It is also a most desirable addition to the hardy border. 25 cts. per pkt.

Two Handsome Helichrysums

Attractive new colors in these useful Strawflowers or Everlastings, and a valuable addition to the standard varieties offered on page 91.

2726 Rose Queen. Very large flowers of a rich deep rose color. 15 cts. per pkt.; 40 cts. per ¼ oz.

2728 Silvery Pink. A lovely soft tone of silvery cameo-pink. 15 cts. per pkt.; 50 cts. per ¼ oz.

Two Handsome Hollyhocks

Everyone admires the double variety Newport Pink. Its strong vigorous habit and long spikes of densely double bright pink flowers make it one of the outstanding features in any garden. We now offer another beautiful variety, Pink Perfection, the flowers of which are extra large of a rich rose-pink, several shades deeper in color than Newport Pink, an excellent and distinct addition.

PER PKT.

2791 Newport Pink. One of our own introductions, and awarded a Certificate of Merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink, double variety, exquisite in shade, flowers very double. Per ¼ oz., 60 cts. $0 15

2792 Pink Perfection. Rich rose-pink shaded deep rose. 15

Ionopsidium Acaule (Diamond Flower)

2850 This is an old time favorite, again becoming popular for use on rockeries. It is a lovely miniature rapid growing plant, forming dense tufts of foliage covered with tiny pale lilac flowers; prefers a damp shady position. While it is a perennial, it is usually handled as an annual. 15 cts. per pkt.

Three Lovely Annual Larkspurs

2936 Exquisite Pink Improved. A greatly improved strain both in the upright habit of growth and in the charming pink color, which comes practically 100 per cent. true. 15 cts. per pkt.; 50 cts. per ¼ oz.

2934 Exquisite Rose. Identical in every way to the foregoing but several tones deeper in color, being a rich rose pink that comes quite true. 25 cts. per pkt.; 60 cts. ¼ per oz.

2922 Emperor Pink Delight. Of dwarf compact habit about 24 inches high and completely covered with its spikes of pure pink flowers. Unequalled for bedding. 15 cts. per pkt.; 40 cts. per ¼ oz.

Leptosiphon

2980 Hybridus. A fine annual rock plant 3 inches high, forming dense cushions studded with dainty flowers ranging in color from yellow to rose-scarlet. 10 cts. per pkt.

New Regal Hybrid Hardy Lupines
(Lupinus Polyphyllus Hybridus)

3060 These are the result of many years of careful crossing and selecting by a celebrated English specialist, and in addition to the usual blue, white and rose colors, contains many unusual lilac, pink, purple, yellow and other tints. This strain received an Award of Merit from the Royal Horticultural Society of England, and we consider them an important addition to the list of hardy perennials. 25 cts. per pkt.

Lychnis

3063 Arkwrightii. A beautiful hybrid of L. Chalcedonica X. L. Haageana, producing an abundance of large brilliantly colored flowers ranging from crimson and scarlet to salmon and other shades. Hardy perennial. 1½ feet. 25 cts. per pkt.

Dreer's Five Fine Annuals for 1930

of exceptional value either for cutting or display in the garden.

No. 1132. A packet each of the 5 sorts, 50 cts.

No. 1128. ¼ ounce each of the 5 sorts, $1.50

A DOZEN
"INCOMPARABLE" SORTS
ORCHID-FLOWERED
SWEET PEAS

Dreer's Twelve "Incomparable"

ORCHID-FLOWERED SWEET PEAS

Illustrated in colors on the plate opposite.

Of the hundreds of Orchid-flowered or Spencer Sweet Peas introduced in the last few years, we offer this season thirty-seven of what we consider the very choicest and most distinct varieties, and while we fully recommend all of the standard sorts described and offered on page 112, as well as the newer kinds on page 58, yet most of our customers only wish a limited number of sorts, and with this in mind we offer this collection of **Twelve Incomparable** sorts described below, and illustrated in colors on the plate opposite, each one of which is a leader in its respective color and sure to give entire satisfaction.

4064 Austin Frederick. A lovely soft lavender, flowers of giant size and perfect form, nicely waved.

4084 Constance Hinton. The finest and largest white variety of strong, vigorous growth, with enormous wavy white flowers, frequently 2½ inches across, borne in sprays of fours, and often fives, on long, strong stems. This variety is black seeded, which means that it is easy to germinate.

4088 Crimson King. This grand variety is the finest and richest Crimson Sweet Pea ever introduced, of strong, vigorous growth and bearing usually four extra large wavy blossoms on long strong stems held well above the foliage so that none of their beauty is lost.

4094 Defiance. A sunproof deep orange scarlet, strong robust grower.

4108 Elfrida Pearson. This is the largest and finest blush pink variety. Flowers of enormous size and very wavy; a strong, vigorous grower, bearing its giant flowers on long, strong stems.

4128 Heavenly Blue. For years hybridizers have endeavored to produce a real Delphinium-blue Sweet Pea, and in Heavenly Blue have at last succeeded beyond expectations; the immense flowers, well placed on good strong stems are a pure blue self; of more than usual merit.

4152 Matchless or Daffodil. This is considered the best cream yellow variety, flowers of largest size and prettily frilled.

4155 Miss California. This is considered one of the best of the many pink varieties. The color is a distinct shade of salmon pink and shows up well when cut. A strong grower.

4185 Picture. The largest flowering of all, the gigantic blooms are borne freely in sprays of four or more on long stout stems, in color a most attractive tint of pink suffused with creamy apricot, one of the outstanding recent introductions.

4192 Renown. Very large flowers of a rich crimson-rose color. Very distinct and effective.

4198 Royal Purple. The rich royal purple color of this beautiful variety always attracts great attention. One of the most distinct.

4216 Valentine. A grand extra large flowering soft blush pink, of strong, free, vigorous growth.

Price. Any of the above "Incomparable" varieties, 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.

4218 Collection of a packet each of the 12 "Incomparable" sorts, 75 cts.

4219 Collection of 1 ounce each of the 12 "Incomparable" sorts, $2.00.

Dreer's Orchid-flowered Sweet Peas in Mixture

4230 The greatest care has been exercised in blending this superb mixture. It has been made out of the finest named sorts, insuring a well-balanced range of desirable colors, and it would be impossible to get anything of higher quality at any price. 10 cts. per packet; 25 cts. per oz.; 75 cts. per ¼ lb.; $2.50 per lb.

Early Flowering Orchid or Spencer Sweet Peas

This new type continues to receive great attention at the hands of the leading hybridizers, and already nearly all colors are represented. They are now very popular, and in great demand by commercial florists for forcing under glass for Winter and early Spring blooming, but are just as valuable for the amateur for outdoor culture, coming into flower five or six weeks earlier than the regular orchid-flowered type, and if the flowers are kept picked, continue to bloom over a period of nearly four months. We offer the following carefully selected varieties. We also offer on page 58 a number of the latest introductions of this valuable type.

4233 All White. Largest and finest pure white.

4234 Aviator. Dazzling crimson-scarlet.

4237 Blue Bird. A splendid rich, deep blue.

4238 Columbia. Salmon rose with white wings.

4239 Cream, or Meadow Lark. Primrose yellow.

4241 Fair Maid. The best blush-pink early variety. Identical in color to the popular Elfrida Pearson.

4243 Glitters. A sensational variety producing flowers of enormous size of a glittering fiery orange, a strong grower.

4246 Harmony. The finest clear lavender yet introduced; flowers of largest size and nicely waved.

4242 Jeanne Mamitsch. A wonderfully effective sort with large glowing rose-pink flowers

4253 Pink Cherokee. Pink on cream ground, effect a rich cream pink.

4255 Rose Charm. A very large-flowering and beautifully waved bright rose.

4263 Zvolanek's Rose. Rich rose.

Price. Any of the above 10 cts. per pkt.; 30 cts. per ½ oz.; 50 cts. per oz.

4268 Collection of a packet each of the above 12 choice varieties, 85 cts.

4269 Collection of one ounce each of the above 12 choice varieties, $5.00.

4270 Early Flowering Orchid Mixed. A splendid mixture, containing all colors. 10 cts. per pkt.; 40 cts. per oz.; $1.25 per ¼ lb.; $4.00 per lb.

For General Collection of Orchid-flowered Sweet Peas see page 112

Twelve Superb Newer Orchid-Flowered Sweet Peas

We have selected the following out of the large number of new sorts of recent introduction and consider them the finest collection of newer sorts ever brought together.

4066 Avalanche. A glistening white of great substance.

4075 Blue Bird. A beautiful clear blue.

4081 Charming. Flowers of largest size and perfect form, of a brilliant cerise that is most attractive.

4082 Chieftain. A very distinct and attractive variety of a pure satiny mauve.

4120 Glen Eagles. One of the prettiest light blues of recent introduction; splendid in every way.

4135 Huntsman. This English novelty is one of the most brilliant scarlets yet introduced; perfectly sun-proof.

4151 Mary Pickford. A wonderful new variety with nicely waved petals of a dainty clear pink, faintly suffused salmon borne on four-flowered sprays on strong stems. Distinct and pretty.

4158 Mrs. A. Searles. This recent introduction from England is a bright orange cerise; a strong grower, and a really worth while sort. 15 cts. per pkt.; 60 cts. per oz.; $2.00 per ¼ lb.

4186 Pinkie. All growers are a unit in declaring that this is without question not only one of the best, but it is the largest Sweet Pea ever introduced. It is of very strong, vigorous growth, and attracts immediate attention. Color a charming rose-pink.

4191 Prince of Orange. A very effective deep orange; a wonderful color.

4206 Splendour. Rich reddish maroon, very pleasing.

4224 What Joy. This is considered the best cream colored variety yet sent out. A very attractive shade.

Price. Any of the above, except where noted, 10 cts. per pkt.; 40 cts. per oz.; $1.25 per ¼ lb.

4229 Collection of a packet each of the above 12 Newer Sorts, 85 cts.

4227 Collection of 1 oz. each of the above 12 Newer Sorts, $4.00.

New Orchid-flowered Sweet Pea

New Early-flowering Spencer Sweet Peas

As the result of the great attention which the Early Orchid-flowering Sweet Peas are receiving from the leading hybridizers who appreciate fully their value as a commercial cut flower for growing under glass as well as their value to the amateur for outdoor culture, all of the leading colors are already represented in this class, of which the six varieties offered below are among the latest and best introductions. These, together with the twelve distinct older varieties offered on page 112, make up what is undoubtedly a splendid and comprehensive collection.

4245 Grenadier. A most brilliant variety of a glowing poppy scarlet, a strong robust grower.

4247 Imperial Pink. This novelty is the last word in pink Sweet Peas. Color clear pink, flowers of enormous size. A strong grower and continuous bloomer.

4249 Madonna. This splendid sort might briefly be described as an early-flowering Constance Hinton, the best of all white Sweet Peas and, like that variety, is black-seeded, insuring free germination and strong growth.

4261 New Blue. A beautiful shade of mid-blue a new color in the early sorts.

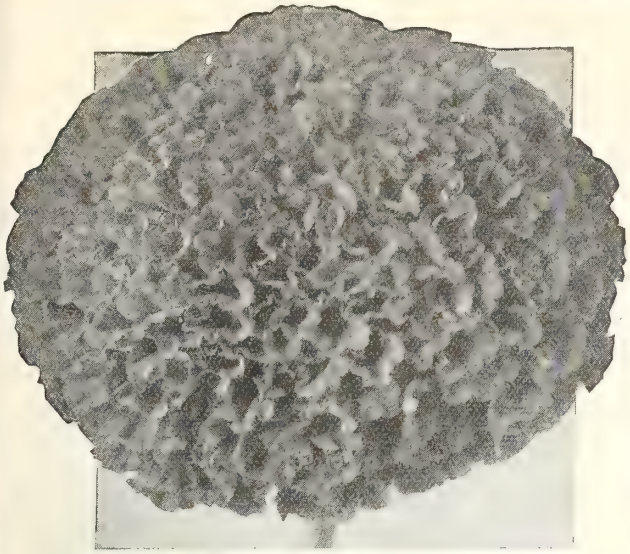
4256 Pink Charm. One of the prettiest light rose-pinks yet introduced, first class in every way. 15 cts. per pkt.; 75 cts. per ½ oz.; $1.25 per oz.

4258 Sweet Lavender. This grand addition to the list is a pure lavender self with beautifully waved flowers of enormous size, the finest lavender yet introduced.

Price. Any of the above new early-flowering Spencer Sweet Peas, except where noted, 15 cts. per pkt.; 50 cts. per ½ oz.; 75 cts. per oz.

4267 Collection containing a packet each of the above 6 new early varieties, 60 cts.

INOCULATING CULTURE FOR SWEET PEAS. Price, 35 cts. per bottle, enough for a large planting



African Marigold Orange Prince

Two Magnificent African Marigolds

The two varieties offered below are grown for us by a specialist and are without doubt the very finest of the large-flowering African type, and grow almost 2½ feet high, bearing in continuous succession from early summer till hard frost large perfectly double flowers.

3084 Orange Prince. Large ball-shaped blooms of glittering deep golden orange. 15 cts. per pkt.; 50 cts. per ¼ oz.; $1.50 per oz.

3085 Lemon Queen. Immense double flowers of a pleasing soft lemon-yellow making a fine contrast to the rich gold of Orange Prince. 15 cts. per pkt.; 50 cts. per ¼ oz.; $1.50 per oz.

Two Beautiful Pansies

3521 Swiss Giant. A very select strain from a specialist in Switzerland. The plants are of unusually robust habit. The very large flowers of heavy texture are held well above the foliage on long strong stems. The range of color is wonderfully varied, the rich dark colors predominating, altogether a very choice selection. 50 cts. per pkt.

3522 Lake of Thun. The bluest of all blue Pansies, the color being an exquisite tone of rich ultramarine blue relieved by a darker blue blotch on each petal. Size of flowers, vigor of plants all of the highest grade. Splendid for cutting or bedding. 35 cts. per pkt.

Pentstemon (Beard Tongue)

3532 Gloxinioides "Sensation." Highly useful and attractive perennials but usually handled as annuals. As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 30 inches high, every branch being a spike of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. 15 cts. per pkt.; 50 cts. per ⅛ oz.

Dreer's Superb Large-Flowering Fringed Petunias

For over a half a century we have specialized in the growing of the finest grade of large-flowering Fringed Petunias, and our strain have a national reputation for quality. In growing these Petunias from seed it is important that the, at first, small seedlings be carefully saved as they usually produce the finest flowers.

3580 Large-flowering Single Fringed. Our own strain, saved from the finest flowers only, of largest size, of choice coloring and beautifully fringed. 25 cts. per pkt.

3590 Large-flowering Double Fringed. This is one of our leading specialties and are acknowledged by the most critical growers to be the highest grade and producing the maximum percentage of double-flowering plants. 50 cts. per pkt.

Beautiful Bedding Petunias

For outdoor decoration, porch, or window boxes, or any position where a mass of color is wanted, we do not know of any plant that equals the Bedding Petunias for effectiveness, and that will give such a wealth of charming color over so long a season. They begin flowering early and continue a sheet of bloom without interruption until killed by frost. The six Bedding sorts offered below were selected for their compact growth and distinct coloring. To secure the longest season of bloom, the seed should be started indoors or in a hot-bed in March or April, or may be sown directly where they are wanted to bloom as soon as the weather has become settled and warm. For best results the plants should be set about a foot apart, and preferably given a sunny position. The large-flowering Single and Double Fringed, and Ruffled sorts will be found offered on page 101.

	PER ⅛ OZ.	PER PKT.
3561 General Dodds. Rich crimson garnet	$0 50	$0 15
3562 Howard's Star. Rosy-crimson with a five-pointed star of blush-white	50	15
3563 Rose of Heaven. A very effective rich and brilliant rose colored variety	50	15
3564 Rosy Morn. Soft rose-pink with white throat; very dainty and one of the most popular flowering plants in cultivation	50	15
3565 Snowball. Pure satiny-white	50	15
3566 Violet Queen. Rich velvety violet blue	50	15

3568 Collection of a pkt. each of the above 6 Beautiful Bedding Petunias, 60 cts.

3569 Collection of ⅛ oz. each of the above 6 Beautiful Bedding Petunias, $2.50.

New Hybrid Iceland Poppy

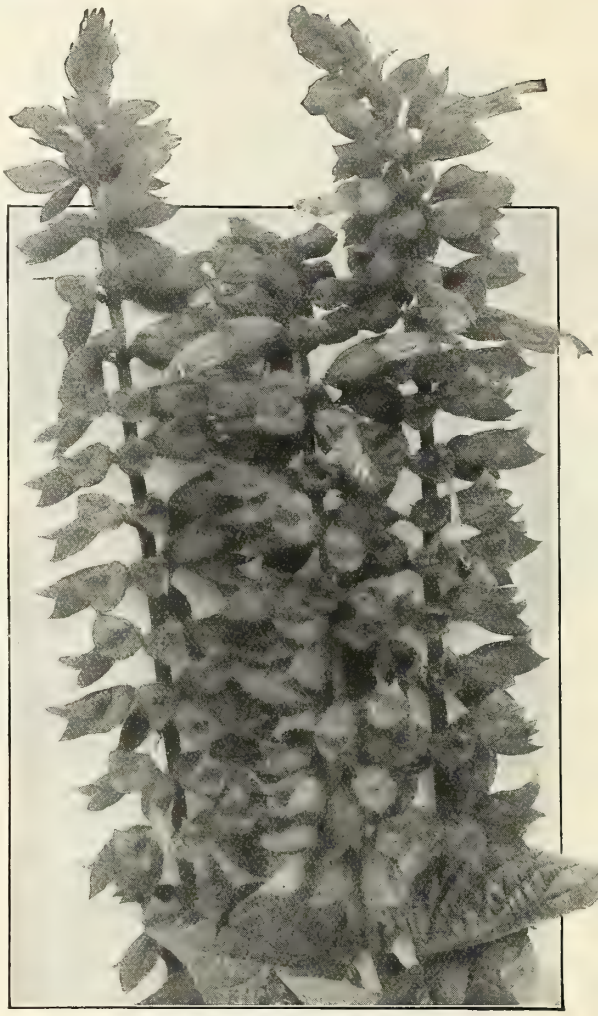
3738 This beautiful strain of these charming hardy Poppies is being improved every year, the stock which we offer this season containing a generous percentage of the famous Coonara and Sunbeam strains will be found much finer than heretofore, containing many lovely new shades of color. 25 cts. per pkt.

New Hybrid Iceland Poppy

Do not overlook the Five Fine Annuals offered on page 56

Scarlet Sage "America"

3936 We have in the last few years tested over a score of varieties of Scarlet Sage and in this variety, which was grown at our own Nursery, and which was easily the most brilliant bit of color among the acres of flowers grown there, we have what is undoubtedly the earliest, freest and most continuous bloomer of all, and, what is still more important, the most uniform in habit of growth; the bushy plants do not grow over 15 inches high, with the spikes of brilliant scarlet flowers thrown well above the plant, making a total height of about 2 feet, and in the lines, several hundred feet in length, there was not a variation of an inch in the height of any plant; the importance of this uniformity will be appreciated by those who use Scarlet Sage for beds or borders. 25 cts. per pkt.; $1.00 per ¼ oz.



SALVIA SPLENDENS "AMERICA"

New Large Flowering Scabiosas
(Mourning Bride)

Three outstanding, very large flowering sorts that should be included in all gardens where high grade cut flowers are appreciated. For cultural notes see the general list on page 110.

3943 Azure Fairy. This is not new, but its very large flowers of lovely lavender blue are so artistic that any collection would be incomplete without it. 10 cts. per pkt.; 30 cts. per ¼ oz.

3955 Peachblossom. A new very large double flowering variety of a soft peachblossom pink. 15 cts. per pkt.

3957 Shasta. A pure white of extraordinary size and doubleness. 15 cts. per pkt.

3966 Collection of a packet each of the above three splendid sorts, 30 cts.

LARGE-FLOWERING SCABIOSA

Scabiosa Columbaria

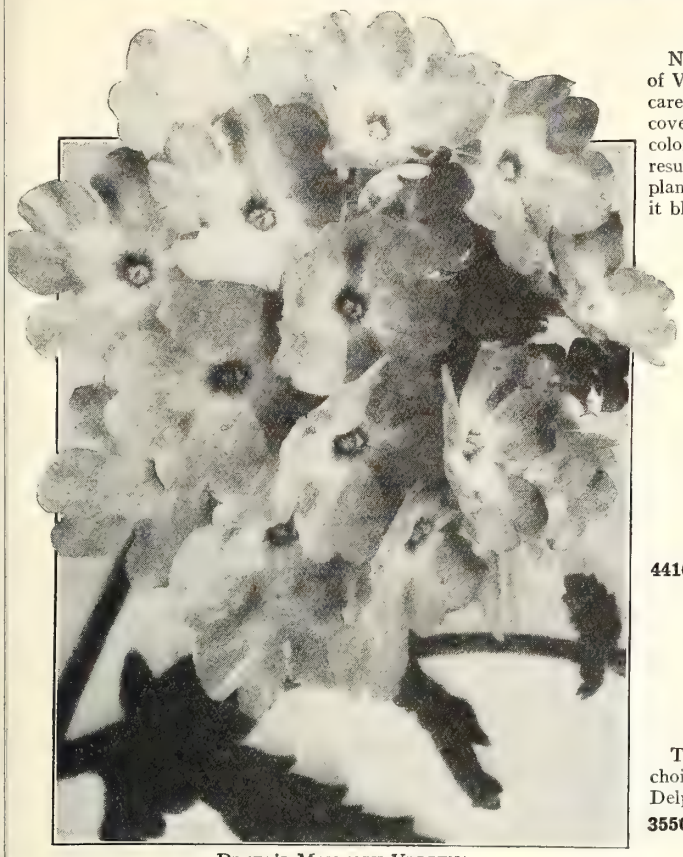
3946 A new hardy perennial variety from South Africa, a very superior form to the European species, producing freely flowers measuring 2 to 2½ inches across, of a beautiful delicate mauve and soft pink; a fine hardy border plant; 1½ to 2 feet. Mixture containing both colors. 25 cts. per pkt.

Early Giant Imperial Stocks

A recently developed strain of early-flowering Winter or Brompton Stocks, forming much-branched plants about 2½ feet high and having numerous spikes of very large, double, delightfully fragrant flowers, they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months; for this purpose seed should be sown from July to September; if sown in February or March will produce plants that will bloom out of doors from midsummer till frost.

	PER PKT.
4043 Rose-pink. A pretty color	$0 20
4044 Fiery Blood-red. Striking	20
4045 White. Pure white	20
4046 Golden Ball. Rich canary	20
4047 Lavender. Lavender blue	20
4048 Violet. Soft violet purple	20
4049 Collection. A pkt. each of 6 colors, $1.00.	
4050 Finest Mixed	15

The latest and best Sweet Peas are offered on pages 57 and 58



DREER'S MAMMOTH VERBENA

Dreer's Mammoth Verbenas

Not so many years ago we considered as almost perfect any strain of Verbenas, the flowers of which could cover a 25 cent piece. By careful selection the individual flowers of our strain now almost cover a 50 cent piece. The trusses are of the largest size; of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. We offer the following colors:

PER PKT.

4351 Pink. Various pink and rose shades.....$0 10

4353 Scarlet. Uniform bright scarlet..... 10

4354 Luminosa. Luminous flame or coral pink..... 10

4355 White. Purest white..... 10

4356 Blue. Light to rich blue shades..... 10

4357 Lucifer. Deep cardinal scarlet. Very rich..... 10

4359 Collection of above 6 colors, 50 cts.

4360 Dreer's Mammoth Mixed. Containing all the colors. ¼ oz., 50 cts.; oz., $1.50..... 10

New Double Annual Wallflower

4416 Early Wonder. This remarkable new Wallflower comes into bloom within 5 months from sowing. The plants grow about 2 feet high with heavy centre spike thickly covered with large double blossoms, followed by many side branches; delightfully fragrant. 25 cts. per pkt.

Twelve "Extra Choice" Hardy Perennials

This collection contains a carefully selected assortment of the choicest sorts including Long-spurred Columbine, DeLuxe Hybrid Delphiniums, New Hybrid Lupines, Hybrid Oriental Poppies, etc.

3550 Price for the complete collection of 12 packets, $1.00.

Three Gorgeous Sweet Williams

Few plants are so effective for midsummer bloom as the Sweet William, and while classed as perennials, they are best handled as biennials; raising a crop of new seedlings each season, they are sure to give better results than old plants. The three sorts offered below are bewildering in the mass of gorgeous bloom which they produce all summer.

PER PKT.

4282 Newport Pink. A distinct new color which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective for cutting.....$0 15

4281 Scarlet Beauty. A very effective, rich deep scarlet variety, a rare color in hardy plants..... 15

4291 Holborn Glory. This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear white eye, is truly superb. ¼ oz., 30 cts..... 10

Tritoma Hybrida

(Red-hot Poker, Flame Flower, or Torch Lily)

4330 The introduction of new continuous flowering Tritomas has given them a prominent place among hardy bedding plants. It is not generally known that they are readily grown from seed, many flowering the first year if sown early. The seed we offer has been saved from a collection, which is undoubtedly the finest in this country. Of course for immediate results it will be better to get plants, but raising them from seed is highly interesting. 15 cts. per pkt.; 50 cts. per ¼ oz.

SWEET WILLIAM, Newport Pink

The finest Orchid-flowered Sweet Peas offered on pages 57 and 58

DREER'S SPECIAL STRAINS OF DOUBLE ZINNIAS

Only a few years ago, the Zinnia was considered rather commonplace, but largely as the result of careful hybridizing and selecting the colors as well as the size and form of the flowers have been so wonderfully improved that they have become one of the most popular annuals.

Double Dahlia-flowered Zinnias

This type, the latest development in Zinnias, bears flowers of mammoth size and in form like a perfect decorative Dahlia. As the result of continued painstaking care and selection, the size, form and coloring has been much improved, we offer 7 beautiful and distinct colors as well as the mixture as follows:

4471 Canary Bird. Canary yellow.

4472 Crimson Monarch. Crimson-scarlet.

4473 Dream. Deep lavender, turning to mallow purple.

4474 Exquisite. Rich rose-pink.

4475 Old Rose. Old rose.

4476 Oriole. Orange and gold.

4477 Scarlet Flame. Fiery scarlet.

Price. Any of the above, 20 cts. per pkt.; $1.00 per ¼ oz.

4479 Collection of a pkt. each of the above 7 sorts, $1.00.

4480 Finest Mixed Double Dahlia-flowered. Containing a wonderful range of beautiful colors. 15 cts. per pkt.; 60 cts. per ¼ oz.; $2.00 per oz.

For offering of other Zinnias, see pages 117 and 118.

Giant Double Zinnias

The special strain here offered produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet and bearing on long strong stems semi-globular, mostly very double flowers; grown under favorable conditions they remain in bloom from early summer to late autumn.

4511 Orange King. Rich golden orange, overlaid with scarlet.

4512 Rose Queen. An attractive shade of deep rose.

4513 Purity. Pure white.

4514 Miss Willmott. Charming tone of bright but soft pink.

4515 Lemon Queen. Bright primrose or canary yellow.

4516 Crimson. Deep crimson scarlet, very showy.

4517 Salmon. Rich salmony rose, as a cut flower this is one of the most popular.

Price. Any of the above 15 cts. per pkt.; 50 cts. per ¼ oz.

4519 Collection of a pkt. each of the above 7 colors, 75 cts.

4518 Collection of ¼ oz. each of above 7 colors, $2.50.

4520 Giant Mixed. A well balanced mixture containing all of the above colors as well as a number of others, making a very brilliant effect when grown in masses. 15 cts. per pkt.; 35 cts. per ¼ oz.; $1.00 per oz.

Large-flowering Dwarf Double Salmon-rose Zinnia

4446 This splendid, brilliant salmon-rose bedding variety has been on the market for several years, but the supply of seed has never been equal to the demand; we are again fortunate in having a good crop this season of extra select stock. 10 cts. per pkt.; 30 cts. per ¼ oz.

Two Unusual Zinnias

4484 Picotee. A very pretty mixture, producing large double fringed flowers in a good range of desirable colors, in the lighter shades each petal is distinctly tipped with maroon while the dark colored flowers are tipped with a light contrasting color, of special value for cutting when the unusual color arrangement can be seen to best advantage. 15 cts. per pkt.; 60 cts. per ¼ oz.

4505 Victory. A very distinct variety with large densely double quilled flowers, which are well shown in the illustration on page 118, the colors are mostly in russet, orange, old rose and other autumn tints. 15 cts. per pkt.; 60 cts. per ¼ oz.

For complete offer of Zinnias, see pages 117 and 118

GENERAL LIST OF

DREER'S RELIABLE FLOWER SEEDS

For Novelties and Specialties see pages 52 to 62

For the convenience of our customers, and to facilitate the filling of orders, it is only necessary in ordering to give the number of packets wanted and the corresponding number in the Catalogue, viz.: 1 pkt., 1040, 10 cts.; 3 pkts., 1071, 30 cts.; means one packet Acroclinium, double mixed, 10 cts.; 3 pkts. Ageratum, Blue Perfection, 30 cts.

All Flower Seeds are sent postpaid at prices given.

COLLECTIONS OF FLOWER SEEDS

The following collections are made up of the popular, easy to grow sorts that invariably do well under the conditions found in the average garden. With each collection is included a leaflet on how to grow Flowers from seed, and if the instructions given therein are followed, success is almost certain.

Dreer's Dozen Best Annuals

An unusually high grade collection of annual flowers that will turn any garden into a bower of flowers lasting in bloom from early summer until snow flies.

1129 A collection of a packet each of 12 sorts for $1.00.

Twelve Annuals for Cutting

A dozen sorts that are of special value for cutting.

1133 A collection of a packet each of 12 sorts for 75 cts.

Twelve Summer-flowering Annuals

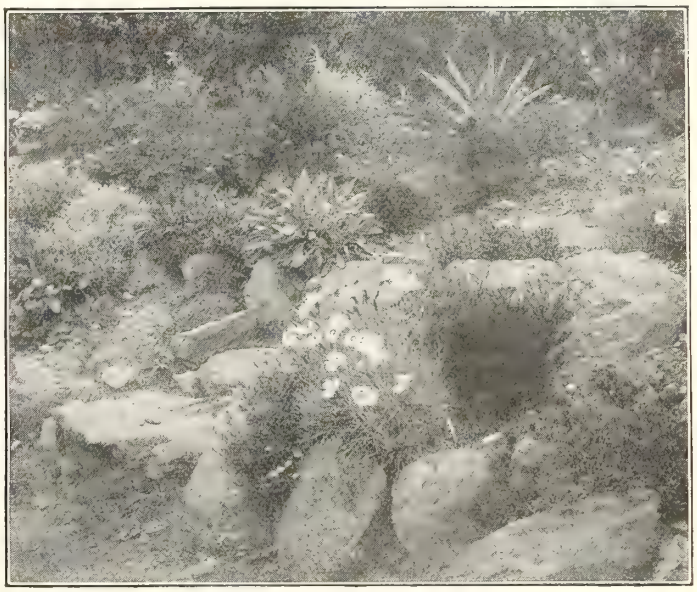
Good old-fashioned sorts that are sure to give satisfactory returns in almost any kind of garden soil, so long as the situation has a fair amount of sunlight.

1134 A collection of a packet each of 12 varieties for 75 cts.

Twenty-five Summer-flowering Annuals

This collection is made up of a duplicate of the twelve summer-flowering annuals plus thirteen additional varieties, making a very complete collection, and as a rule giving most satisfactory returns

1135 A packet each of 25 sorts for $1.50.



A Pretty Little Rock Garden

Twelve Old-Fashioned Annuals

This collection is made up of the flowering annuals that were popular in our grandmothers' gardens.

1136 A collection containing a packet each of 12 fine sorts for 75 cts.

Twelve Choice Annuals for Rock Gardens

While the rockery is usually filled with Hardy Perennial plants, most of which take a year to produce flowering plants from time of sowing the seeds in the spring, there seems to be no good reason why the newly made rockery should not be filled with annuals the first season. These should be sown in April or May, and would produce a full crop of flowers within eight weeks or even less, from time of sowing, keeping the rockery gay until filled with the Hardy perennials.

3890 A collection of 12 packets of choice sorts for $1.00.

Strawflowers or Everlastings

This collection is made up of a packet each of eight popular Everlastings, easy to grow and very useful for winter bouquets.

2469 A collection containing a packet each of 8 sorts for 50 cts.

Twelve Old-Fashioned Hardy Perennials

A dozen kinds of the good old-fashioned sorts of the easiest culture that keep the garden gay over a long period, including Larkspur, Foxgloves, Sweet William, Sweet Rocket, and others equally desirable.

3549 Price for the complete collection of 12 packets, 75 cts.

Twelve "Extra Choice" Hardy Perennials

This collection contains a carefully selected assortment of the choicest sorts including Long-spurred Columbine, DeLuxe Hybrid Delphiniums, New Hybrid Lupines, Hybrid Oriental Poppies, etc.

3550 Price for the complete collection of 12 packets, $1.00.

Twelve Rock Garden Hardy Perennial Flower Seeds

There has developed within the last year or two a wonderful demand for Rock Gardens, and even in gardens of comparatively small size, space has been allotted to the Rock Garden. If you can secure the rocks, it is a comparatively easy matter to fill the spaces by sowing the seeds contained in this collection, most of which would give a full crop of flowers next year. The collection is made up of such popular kinds as Golden Alyssum, Rock Cress, Columbine, Primula, Aubrietia, and others equally desirable.

3551 Price for the complete collection of 12 packets, $1.00.

Collections of Asters, Balsams, Dianthus, Marigolds, Sweet Peas, Zinnias, etc., are offered under their respective heads throughout the list.

ACROCLINIUM

Ageratum (Floss Flower)

One of the best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom all winter. (See cut.)

PER PKT.

1071 Blue Perfection. This is the darkest colored of all large flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder; 9 inches. ¼ oz., 40 cts. $0 10

1073 Cope's Pet. The best light blue variety for edging; 9 inches. ¼ oz., 30 cts. 10

1074 Imperial Dwarf Blue. Clear blue; 8 inches. ¼ oz., 30 cts. 10

1075 Imperial Dwarf White. 8 inches. ¼ oz., 30 cts. 10

1076 Little Blue Star. A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers, a fine variety for edging. 25

1078 Princess. A beautiful variety of compact, even growth, rarely exceeding 8 inches in height; the flowers are sky-blue with white centre, the contrast being really exquisite. ¼ oz., 40 cts. 10

1079 Collection of a packet each of above 6 sorts, 60 cts.

1072 Blue Ball. For description see page 52. 15

PER PKT.

Abutilon (Flowering Maple)

1010 Fine Mixed. Considered indispensable for flowering indoors during the winter and spring months, and useful for bedding out in the summer. Sown indoors any time before April, they will produce plants that will flower the first season; 3 feet. Mixed colors. $0 25

Achillea (Milfoil, or Yarrow)

1021 Ptarmica "The Pearl." One of the best hardy white perennials. Grows about 2 feet high, and from spring to frost is covered with heads of purest white double flowers. Easily grown from seed, flowering the first season, if sown early. 25

Aconitum (Monk's Hood, or Wolfsbane)

1031 Nappelus. A hardy perennial, growing in any good garden soil, producing long spikes of blue and white flowers. Well adapted for planting among shrubbery or in shady corners; seed is of slow germination; 3 to 5 feet. 15

Acroclinium

A pretty annual "Everlasting," growing about 15 inches high bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting.

1040 Double Mixed. ¼ oz., 30 cts. $0 10

1050 Single Mixed. ¼ oz., 25 cts. 10

Adlumia (Mountain Fringe or Allegheny Vine)

1051 Cirrhosa. A graceful, hardy biennial climber, but as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maidenhair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed. 15

Agrostemma (Rose of Heaven, Mullein Pink)

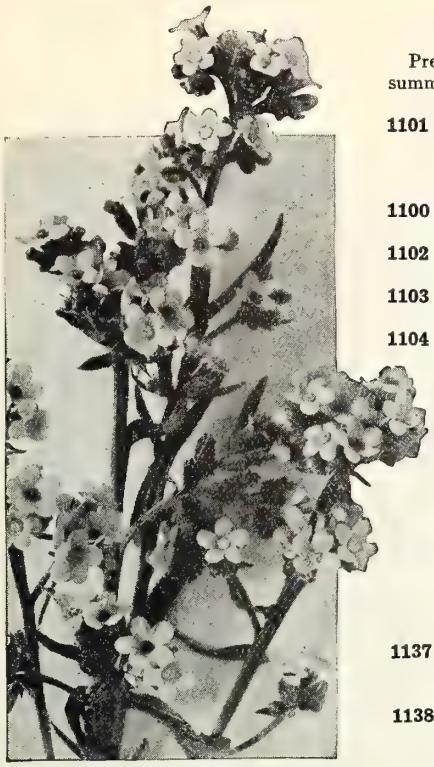
1090 Coronaria. An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink, and silvery-white foliage; blooms the first season; fine for cutting. 2 feet. ¼ oz., 25 cts. $0 10

1091 — Alba. A pure white variety. 10

Ammobium (Winged Everlasting)

1121 Alatum Grandiflorum. A pretty annual everlasting; flowers silvery white with yellow disc; grows best in light soil. 18 inches. Per ¼ oz., 25 cts. 10

AGERATUM BLUE PERFECTION



ANCHUSA CAPENSIS

Alyssum (Sweet Alyssum or Mad Wort)

Pretty little plants for beds, vases, baskets, edgings or rockwork, blooming profusely all summer; useful also for winter flowering. Very sweetly scented.

PER PKT.

1101 Little Gem, or Carpet of Snow. Of dwarf, compact habit, but 4 inches high. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late autumn, and undoubtedly the best white-flowering edging plant in the list. (See cut.) Per ¼ oz., 25 cts.; per oz., 75 cts. $0 10

1100 Lilac Queen. A very pretty deep lavender-lilac, of dwarf compact habit; 6 inches. Per ¼ oz., 25 cts.; per oz., 75 cts. 10

1102 Sweet Alyssum (*A. Maritimum*). Of trailing habit, flowers white; 9 inches. Per ½ oz., 25 cts.; oz., 40 cts. 5

1103 Tom Thumb (*Benthami Compactum*). Of dwarf, compact, erect growth; excellent for edging; white; 6 inches. Per ½ oz., 30 cts.; per oz., 50 cts. 10

1104 Saxatile Compactum (*Basket of Gold*). Showy, bright yellow flowers, hardy perennials; excellent for rockwork and edge of border. 1 foot. Per ¼ oz., 40 cts. 10

1105 Saxatile Compactum Silver Queen. Similar in every way to the bright yellow sort offered above, but of a charming pale lemon color. ... 25

Anagallis (Pimpernel, Poor Man's Weatherglass)

1125 Grandiflora. A very pretty annual of low spreading growth, 6 to 9 inches high, completely covered during the greater part of the season with small but brilliant flowers in an unusual range of colors, including brilliant blue, scarlet, etc. Excellent for the border and rockery. The flowers close on the approach of bad weather, hence its title of "Poor Man's Weatherglass." Per ¼ oz., 25 cts. 10

Anchusa (Alkanet, Bugloss)

1137 Capensis (*Cape Forget-me-not*). A fine free-growing annual variety about 18 inches high with sprays of lovely Forget-me-not blue flowers; blooms all summer. ¼ oz., 25 cts. 10

1138 Italica Dropmore Variety. One of the best hardy perennials and becoming more popular each season, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. ¼ oz., 40 cts. 15

1139 Italica Lissadell. An improved form of the Dropmore variety of strong vigorous growth, growing about 5 feet high with sprays of extra large clear gentian blue flowers. 25

Amaranthus

Brilliant foliaged annuals, growing from 3 to 5 feet high. They thrive best in a hot, sunny location, not too rich soil, and given sufficient room to develop their full beauty.

PER PKT.

1113 Sunrise. The most brilliant of this brilliant family. The foliage is bronzy-crimson, each branch terminating with a tuft of bright scarlet-carmine leaves. It has been used with fine effect in many of the public parks $0 15

1115 Tricolor Splendens (*Joseph's Coat*). An improvement on the old sort of more brilliant coloring. ¼ oz., 30 cts. 10

Ampelopsis (Boston, or Japanese Ivy)

1131 Veitchi. A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. ½ oz., 30 cts.; oz., 50 cts. 10

Anthemis (Hardy Marguerite)

1150 Kelwayi. A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 feet. 10

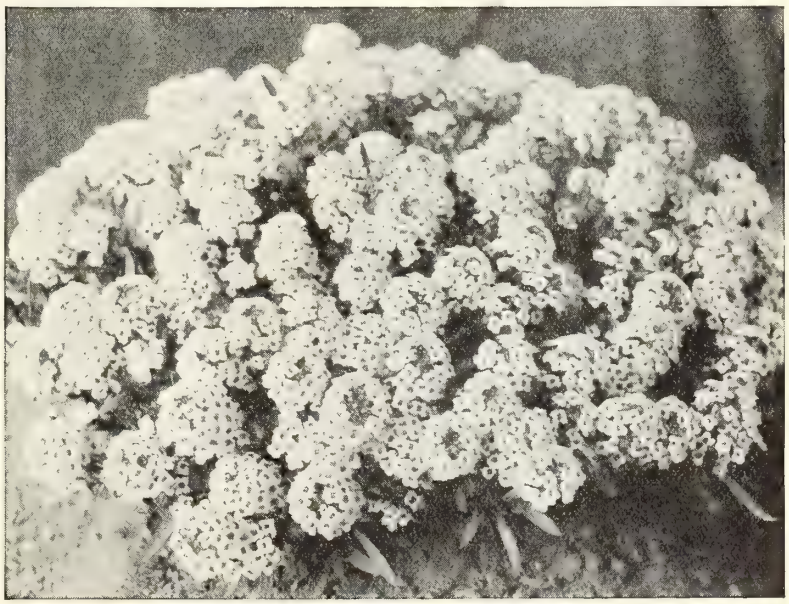
Anemone (Windflower)

A very pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in spring; keeping shaded till the plants appear. 18 inches.

PER PKT.

1140 Coronaria. Mixed colors (*Poppy Anemone*) $0 10

1146 St. Brigid. A beautiful selection of the above. Our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors 15



ALYSSUM LITTLE GEM OR CARPET OF SNOW

Antirrhinum (Snapdragon)

One of the most valuable flowers which can readily be grown from seed. We offer three distinct types, the large-flowering, tall-growing or giant, the equally large-flowered, half dwarf variety, and the new maximum variety. In our trials the seeds sown out of doors the first week of May came into bloom early in July, remaining in full flower until November. We have made exhaustive tests of scores of varieties, and offer the following as being the best in their respective colors.

Large-Flowering Giant Sorts

A splendid strain growing about 30 inches with long spikes of very large, individual flowers. PER PKT.

1181 Crimson King. Rich velvety garnet crimson.....$0 10
1183 Golden King. Rich yellow..... 10
1182 Fire King. Brilliant orange scarlet..... 10
1184 Cardinal. Dazzling scarlet..... 10
1185 Queen Victoria. Purest white..... 10
1186 Rose King. Soft silvery rose..... 10
1189 Collection of a pkt. each of the above 6 sorts, 50 cts.
1190 Finest Mixed. All colors, ¼ oz., 30 cts.; oz., $1.00. 10

Large-Flowering Half-dwarf Sorts

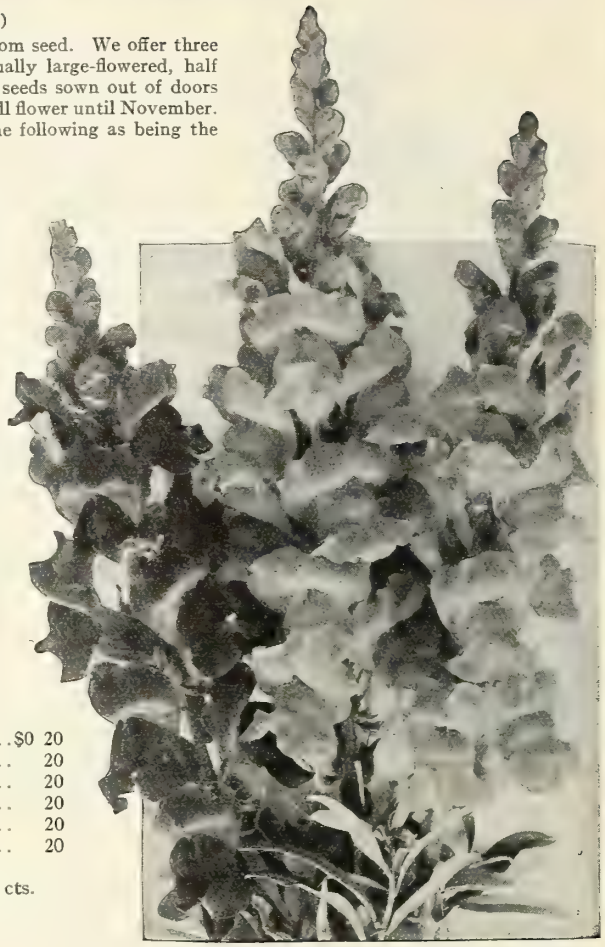
A splendid type, growing about 18 inches high, the best for bedding purposes.

1162 Fawn. Rose and gold.....$0 10
1164 Golden Queen. Rich yellow..... 10
1165 Flame. Brilliant fiery scarlet..... 10
1167 Prima Donna. Amber overlaid chamois, effect apricot pink..... 10
1168 Purity. Snowy white..... 10
1171 Silver Pink. Soft pearly pink..... 10
1179 Collection of a pkt. each of the above 6 sorts, 50 cts.
1180 Choice Mixed. All colors, ¼ oz., 40 cts.; oz., $1.25. 10

Maximum or Super-Giant Sorts

A new strain of tall strong growth producing long spikes of gigantic flowers; 3 feet.

1151 Appleblossom. Soft appleblossom-pink.....$0 20
1152 Canary Bird. Canary yellow with deeper yellow lip..... 20
1153 Copper King. Bronzy copper color..... 20
1154 Old Gold. Rose on yellow ground..... 20
1155 Snowflake. Dazzling white..... 20
1156 The Rose. Rich rose-pink..... 20
1159 Collection containing a packet each of the 6 sorts, $1.00.
1160 Super-giant Mixed. All colors, 15 cts. per pkt.; ¼ oz., 60 cts.



DREER'S LARGE FLOWERING ANTIRRHINUMS

ARCTOTIS GRANDIS

Arabis (Rock Cress)

PER PKT.

1211 Alpina. A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought and is always neat; 6 to 9 inches. ¼ oz., 30 cts.....$0 10

Arctotis (African Daisy)

1216 Grandis. A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. It is easily grown from seed and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window every one will open and produce as fine flowers as though left on the plant. Illustrated in colors on plate facing page 56. ¼ oz., 30 cts..... 10

Armeria (Sea Pink, or Thrift)

1221 Formosa. A very pretty edging plant, bearing rosy-pink flowers; hardy perennial. 1 foot..... 15

Aquilegia (Columbine)

No hardy plant grown from seed is more easily handled than the Columbine.

Seed may be sown in the open ground early in spring, and will, in some cases, bloom the same season; or they may be planted in August or September, and make vigorous plants, which will bloom abundantly during the late spring and early summer. 2 to 3 feet.

LONG-SPURRED AQUILEGIA OR COLUMBINE

Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers. PER PKT.

1191 Alpina. A very effective rich blue variety; 2 feet $0 25

1192 Californica Hybrida. Exquisite flowers in yellow and orange shades, all with long spurs. 3 feet 15

1193 Chrysantha (*Golden Spurred*). Golden-yellow. 3 feet. ⅛ oz., 50 cts. 10

1194 Silver Queen. Long spurred pure white flowers 15

1196 Coerulea Improved, Mrs. M. Nicholl's Strain. A greatly improved strain of the charming Rocky Mountain Columbine. The work of an English specialist. A strong vigorous grower with large lovely blue and white long-spurred flowers. A most desirable addition. 25

1199 Collection containing a packet each of the above 5 named sorts, 60 cts.

1207 Double Flowering, all colors mixed. Per ¼ oz., 30 cts. 10

1210 Single Flowering, all colors mixed. Per ¼ oz., 25 cts. 10

Dreer's Long Spurred Columbines

While all the varieties of Columbines are beautiful and much admired, this strain is unquestionably the finest yet produced. The plants are of strong thrifty growth with flowers of largest size, varying in color through charming tones of cream, pink, lavender, blue, white, red, etc.

1203 Blue and Lavender shades $0 25

1204 Scarlet and Red shades 25

1205 Pink and Rose shades 25

1208 Collection of a packet each of the above 3 colors for 60 cts.

1206 Dreer's Long-spurred Hybrids mixed. A wonderful mixture containing all the beautiful tints and tones and color combinations for which this strain is famous, hardly two being exactly alike. 50 cts. per ⅛ oz. 15

Argemone (Mexican or Prickly Poppy)

PER PKT.

1220 Hybrida Grandiflora. Sturdy bushes 2 to 3 feet high, with very ornamental pale green, spiny foliage, with clear silvery midrib and veins and poppy-like flowers of satiny texture, over 3 inches across, in various shades from rich yellow to creamy-white. It comes into bloom early in July and continues without interruption till November. It is best to sow the seed where they are intended to bloom as soon as the ground is warm, and should have a sunny location, and prefers light soil. A very pretty and ornamental plant in or out of bloom. ¼ oz., 25 cts. $0 10

ARGEMONE HYBRIDA GRANDIFLORA

Asparagus

1231 Plumosus Nanus. This graceful Asparagus is an excellent house plant. $1.00 per 100 seeds 25

1232 Sprengeri (*Emerald Feather*). One of the best plants to grow in suspended baskets, window boxes, vases, etc.; for the greenhouse in winter and outside in summer. 50 cts. per 100 seeds 10

Aubrietia (Rainbow Rock Cress)

1490 Large-flowering Hybrids. A beautiful dwarf rock plant, covered with sheets of bright flowers in spring and early summer; 6 inches 15

Auricula (Primula Auricula)

1500 A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half hardy perennial; 6 inches 25

DREER'S FAMOUS AMERICAN ASTERS

PURPLE BEAUTY ASTER

Asters are one of the most important summer and autumn flowers, and receive special care at our hands. Yearly exhaustive tests are made with a view to offering only the choicest kinds, regardless of cost. As a result of this care our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable, no matter at what price or from what source.

The early sorts begin blooming in July, followed by the mid-season varieties, which are usually at their best during August. Then come the late flowering kinds, which bloom from the end of August on through September into October. It is quite easy, therefore, with a little care in the selection of the varieties, to have Asters in bloom from the first days in July until hard frost.

Asters will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil, enriched with a liberal quantity of bone meal or other good commercial fertilizer; and the addition of wood ashes or air-slacked lime, and should not be grown on the same ground year after year; it is better to change each season.

For early flowering the seed should be started in the house, hotbed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom, although they may be sown where they are to flower with equally as good results.

The main essentials to insure fine Asters are a new rich soil, frequent cultivation, no check to their growth from start to finish and ample room to develop. When wanted for cutting with long stems, they should be set out not closer than twelve inches apart in the rows and two feet between the rows. When wanted for mass effects in beds they may be planted nine inches to a foot apart each way.

Asters are sometimes attacked by an aphis at their roots; also by stem rot. Both of these troubles are rarely met with if the plants are grown on new soil, and are not checked in their growth. The addition of wood ashes or air-slacked lime at the time of the preparation of the beds also helps to prevent these troubles.

Astermum Asters

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:

1261 Lavender. A rich shade of lavender or light violet.
1262 Pink. A very attractive shade of lively rose-pink.
1263 White. Purest snow-white.
Price. Any of the above 15 cts. per pkt.
1269 Collection a packet each of 3 kinds, 35 cts.

Beauty Asters

A recently developed late flowering strain coming into bloom in late September, and being at their best through October, the plants grow nearly 3 feet high, and bear their very large, densely double flowers on long strong stems. We offer six beautiful colors.

	PER PKT.
1271 American Beauty. Bright cerise-rose	$0 15
1272 Lavender Beauty. Soft lavender	15
1273 Purple Beauty. Rich deep purple	15
1274 September Beauty. Delicate shell-pink	15
1275 Peachblossom Beauty. Peachblossom pink	15
1276 White Beauty. Purest white	15
1279 Collection, a packet each of the 6 sorts, 75 cts.	
1278 Finest Mixed. All colors, ¼ oz., 75 cts	15

China Asters

1280 General Mixture. This mixture was saved from the many double flowering sorts grown on our trial grounds the past season. 10 cts. per pkt.; ¼ oz., 25 cts.

New California Giant Branching Asters

A splendid new midseason to late flowering strain, the result of years of painstaking selection by one of California's leading hybridizers; plants grow 3 to 3½ feet high with long, strong stems 18 to 24 inches in length bearing beautifully formed curled and interlaced flowers 5 inches and over across. We offer the following colors:

	PER PKT.
1291 Lavender Blue	$0 20
1292 Peach Blossom	20
1293 Pure White	20
1294 Deep Purple	20
1295 Rich Rose	20
1296 Parma Violet	20
1299 Collection of a packet each of above 6 colors	1 00
1300 Finest Mixed. All colors. ¼ oz., 75 cts	15

We call Special Attention to our Collection of Six Famous Asters offered on page 53

DREER'S FAMOUS AMERICAN ASTERS

Crego's Giant Comet Asters

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type; 2 feet.

PER PKT.

1281 White. Pure white $0 10
1282 Pink. Delicate shell-pink 10
1283 Purple. Bright purple 10
1284 Rose. Rich deep rose 10
1285 Lavender. Deep lavender 10
1286 Crimson. Deep rose-crimson 10
1288 Collection of a packet each of the 6 colors, 50 cts.
1290 Crego's Mixed. All colors, 10 cts. per pkt.; 60 cts. per ¼ oz.

Dreer's Crimson Giant Aster

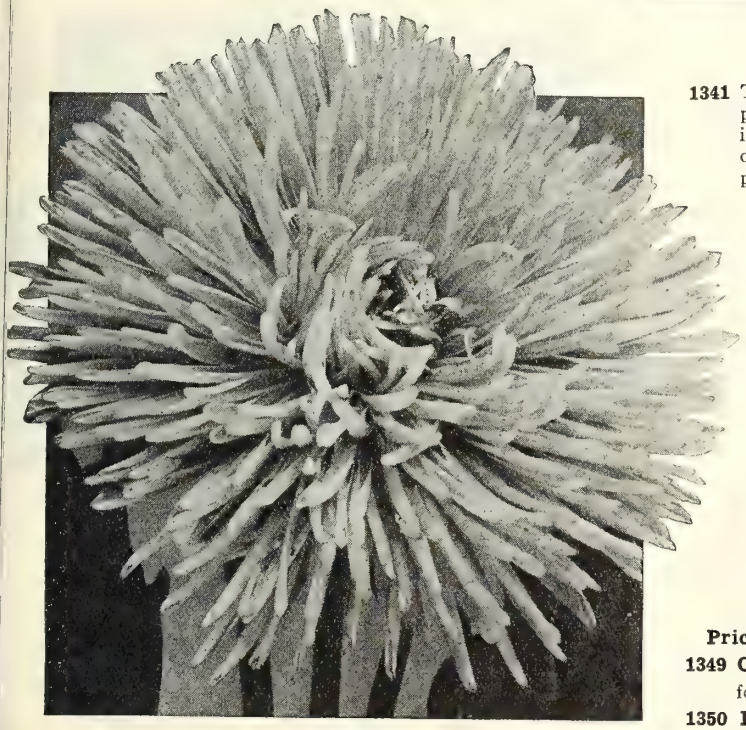
1305 This variety has all the good qualities of our Superb Late Branching type, but is of upright growth, with extra large, densely double flowers, few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood crimson, full of fire, making a brilliant bed or border. 15 cts. per pkt.; ¼ oz., 75 cts.

Early Wonder Asters

This is the best *extra* early Aster, flowering in early July from seeds sown in the open ground at the end of April, and if sown in March can be had in bloom before the close of June. The flowers are of good size, quite double, and are borne on good, long, stiff stems, which added to their extremely early flowering makes them of great value for cutting; 15 to 18 inches.

1331 Pink $0 15
1332 Purple 15
1333 White 15
1334 Lavender 15
1337 Collection of a pkt. each of 4 sorts, 40 cts.

Crego's Giant Comet Aster



King Aster

Heart of France Aster

1341 This is the largest flowering of the very dark red sorts; plants grow about 24 inches high, nicely branched, bearing in September their large, rich, deep ruby-red flowers on long strong stems; a fine, dark variety. 15 cts. per pkt.; 75 cts. per ¼ oz.

King Asters

The "King" Aster forms a distinct class or type, and have many sterling qualities to recommend them to lovers of fine Asters. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower.

1343 Crimson King. Rich deep crimson.
1344 Lavender King. Soft lavender blue.
1345 Pink King. An attractive delicate shell pink.
1346 Rose King. A beautiful brilliant rose variety.
1347 Violet King. A pleasing soft shade of violet.
1348 White King. Pure white.

Price. Any of the above, 10 cts. per pkt.

1349 Collection of a packet each of the above six varieties for 50 cts.

1350 King Mixed. Contains all the colors. 10 cts. per pkt.; 60 cts. per ¼ oz.

Our Famous American Asters are the finest in existence. See page 53.

DREER'S FAMOUS AMERICAN ASTERS

OSTRICH FEATHER ASTER

Ostrich Feather Aster

This magnificent Aster produces flowers of immense size, made up of long, loosely-formed petals. Blooms in August. When used for cutting, the flowers should be picked when about half expanded and allowed to develop in water in a cool room; 18 inches.

	PER PKT.		PER PKT.
1361 Bright Rose	$0 10	**1365 Violet Blue**	$0 10
1362 Lavender	10	**1366 Vivid Crimson.**	10
1364 Salmon Pink	10	**1367 Pure White**	10

1369 Collection containing a packet each of the 6 colors 50

1370 Mixed. All colors. ¼ oz., 60 cts. 10

Dreer's "Peerless Pink" Aster

1393 This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, about 2 feet high, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. 15 cts. per pkt.; ¼ oz., 75 cts.

Dreer's "Pink Beauty" Aster

1396 A magnificent variety, 24 to 30 inches high, blooming from early in August until well on in September, flowers averaging 4 inches across, of chrysanthemum shape, the inner petals incurved, outer reflexed; color a soft, delicate blush pink, a shade that is always in demand for cutting. 15 cts. per pkt.; ¼ oz., 75 cts.

Dreer's Six Famous American Asters

1338 This splendid collection is made up of the leaders in their respective class and color, fully described on page 53. The six pkts. for 50 cts.

Dreer's Superb Late-branching Asters

This grand strain is of American origin, and is especially adapted to our climatic conditions.

The plants form strong, branching bushes 2 to 2½ feet high, bearing on long, strong stems flowers which, under ordinary cultivation, average 5 inches across. They are usually at their best during September, and, all things considered, are the most valuable of all Asters, either for cutting or for bedding, and if only one kind of Aster is grown this is the type which will likely give the best results.

	PER ¼ OZ.	PER PKT.
1451 Azure Blue. A deep rich lavender	$0 60	$0 10
1452 Deep Crimson. Rich and glowing	60	10
1453 Deep Rose. Distinct and fine	60	10
1455 Pale Lavender. Exquisite greyish-blue	60	10
1456 Deep Purple. A rich royal shade	60	10
1457 Rose-pink. A lovely shade; very popular	60	10
1461 Shell-pink. Soft and dainty	60	10
1467 Pure White. Perfect in its purity	60	10

1469 Collection. A packet each of above 8 colors, for 60 cts.

1470 Finest Mixed. All the colors mixed, 10 cts. per pkt.; 50 cts. per ¼ oz.; $1.50 per oz.

Lavender Gem Aster

1353 One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems, and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. 15 cts. per pkt.; 75 cts. per ¼ oz.

DREER'S LATE-BRANCHING ASTER

Novelties and Specialties in Flower Seeds are offered on pages 52 to 62

DREER'S FAMOUS AMERICAN ASTERS

Queen of the Market Asters

A first-class early flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 15 inches.

	PER PKT.		PER PKT.
1401 Bright Rose	$0 10	**1405 Pink**	$0 10
1402 Crimson	10	**1406 Purple**	10
1403 Lavender	10	**1407 White**	10

1409 Collection. One packet each of the 6 colors 50
1410 Mixed Colors. ¼ oz., 50 cts. 10

Early Branching or Royal Asters

A recently developed type that might briefly be described as an early flowering form of our Superb Late Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting in perfect condition for a long time. The habit of the plants and their free-flowering make them very desirable for beds or borders, while their long-stemmed flowers are ideal for cutting. The form of the flower is well shown in the illustration. We offer six beautiful and distinct colors.

PER PKT.

1412 Lavender. Soft lavender violet $0 10
1413 Purple. Rich, deep violet purple 10
1414 Rich Rose. A bright color 10
1415 Rose-pink. Very pretty, shaded white at centre 10
1416 Shell-pink. Very delicate 10
1417 White. Purest white 10
1419 Collection of a packet each of the six colors 50
1420 Mixed. Containing all of the colors. ¼ oz., 75 cts. 10

Early Branching or Royal Aster

Single China Aster

1440 The large single daisy-like flowers are very effective in beds or borders and for cutting, they offer a pleasing change to the innumerable double sorts; mixed colors; 2 feet. ¼ oz., 40 cts. 10

Red Aster "Sensation"

1442 This is the reddest of all Red Asters, the color being a rich garnet or ox-blood red, which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging 3½ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.

Sunshine Asters

PER PKT.

1444 Sunshine Asters. A most attractive Anemone-flowered variety of special value for cutting, with a wonderful array of dainty colors covering all the color tones usual to the Aster. Mixture containing all colors. . $0 15

Hardy Perennial Asters

1400 Mixed (*Michaelmas Daisies*). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 feet 15

Balloon Vine (Love-in-a-Puff)

1525 A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons and of great interest to children. Per oz., 25 cts. 10

Double Camellia-flowered Balsams

(Lady-Slipper)

An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion; of easy culture, succeeds in a good rich soil; tender annuals; 2 to 3 feet. Start the seed indoors in April, or sow out of doors in May. To grow fine specimens they should not be closer than 18 inches apart.

PER PKT.

1532 Salmon Prince. Exquisite salmon-pink; very double. $0 10
1533 Light Yellow 10
1534 Scarlet. Brilliant fiery scarlet 10
1535 Solferino. Striped and spotted white, lilac and scarlet 10
1536 Violet. Very rich 10
1537 White Perfection (*Alba Perfecta*). Very double, pure white 10
1538 Collection of the 6 colors offered above 40
1540 Double Camellia-flowered. Finest mixed, containing a wide range of beautiful colors. ¼ oz., 25 cts.; per oz., 75 cts 10

Queen of the Market Aster

Bocconia (Plume Poppy, or Tree Celandine)

1611 Cordata. Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green; bears freely spikes 2 to 3 feet long of cream-colored flowers; 6 feet; easily raised from seed. ¼ oz., 25 cts. 10

We offer a number of splendid NOVELTIES and SPECIALTIES in Flower Seeds. See pages 52 to 62.

BROWALLIA

Boltonia (False Chamomile)

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September. PER PKT.

1615 Asteroides. White.....$0 15
1616 Latisquama. Lilac pink..... 15

Brachycome (Swan River Daisy)

1620 Free-flowering dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 12 inches (See cut.) ¼ oz., 40 cts..... 10

Browallia (Amethyst)

1640 Elata Mixed. One of our favorite profuse blooming annuals, covered with beautiful blue or white flowers during the summer and autumn months; grows freely in any rich soil; blooms finely in the winter if the plants are lifted in autumn and cut back; 18 inches. ¼ oz., 30 cts..... 10

1637 Speciosa Major. A beautiful large-flowering variety of the most brilliant ultramarine blue, a rare color; does finely outside in the border, or in hanging-baskets or vases, but is especially valuable as a pot plant for winter and early spring flowering.. 25

Cacalia (Tassel Flower, or Flora's Paint Brush)

1650 A neat annual, of easy culture, with tassel-shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed; 1½ feet. ¼ oz., 25 cts..... 10

Calceolaria

1671 Dreer's Perfection. An ornamental plant, producing a mass of beautiful, pocket-like flowers in the spring, and a universal favorite for decorating the greenhouse or conservatory. This strain was grown for us by a celebrated Scotch specialist, and is considered the finest in cultivation; flowers beautifully spotted and blotched in exceedingly rich and varied colors; of perfect form and fine substance; the habit of the plants dwarf and compact and very free flowering.... 50

Begonias

Everblooming Bedding Varieties

The following are varieties of *Begonia Semperflorens*, and take rank as bedding plants with Geraniums and Coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high, and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed. PER PKT.

1562 Erfordia. Bright rosy-carmine.....$0 25
1563 Luminosa. Brilliant fiery dark scarlet; very bright. 25
1564 Prima Donna. Limped rose, shading to carmine at the centre; everblooming..... 25
1565 White Queen. A splendid free-flowering pure white; foliage deep green.....$0 25
1566 Gloire de Chatelaine. A beautiful large flowering everblooming variety of a lovely soft rose-pink..... 25
1571 Vernon. Bright orange-carmine flower; deep red foliage..... 15
1577 Salmon Queen. The highest colored of all, being a brilliant salmon-rose, beautiful either as a pot plant or for bedding..... 25
1580 Semperflorens, Single Mixed. This mixture contains all the colors from pure white to deepest crimson; splendid..... 15

Bellis (English Daisy)

A favorite perennial which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. The following are the finest double flowering kinds, selected after careful test out of over twenty sorts; 6 inches.

1591 Giant Rose. Each plant produces but a few flowers, but these are of enormous size, almost as large as a good-sized Aster.....$0 15
1593 Giant White. Same as the above except in color..... 15
1594 Longfellow. Large, double pink flowers..... 10
1595 Double Quilled. Double quilled flowers in mixture, containing red, pink and white..... 15
1596 Ranunculiflora Alba. A splendid type, with densely double pure white flowers, not very large, but very free-flowering..... 15
1597 Ranunculiflora Rosea. Identical to the preceding, except in color, which is a bright rosy pink..... 15
1598 The Bride, or Improved Snowball. A fine large double free-flowering pure white..... 10
1600 Double Mixed. A fine mixture, containing all the colors. ⅛ oz., 50 cts..... 10

BRACHYCOME

An Index of the Botanical and the Common or Popular Names of Flowers is given on page 2

THREE KING CALENDULAS. ORANGE KING. LEMON KING. GOLDEN KING.

Calendula (Pot Marigold)

This is the "Marygold" of Shakespeare's time; one of the best and showiest free flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing to bloom from early summer until killed by frost; valuable also for pot culture; blooming freely in winter and early spring; 18 inches. PER PKT.

1680 Radio. The latest introduction in Calendulas entirely distinct with beautifully quilled petals forming a perfectly double flower; color rich golden yellow. . . . $0 15

1681 Meteor. Large double flowers, striped orange and cream; very effective. Oz., 30 cts. 5

1682 Orange King. An extra fine strain of this splendid double rich orange-red variety, producing flowers over 3 inches in diameter. 40 cts. per oz. 10

1683 Nankeen. A very distinct variety, the double flowers of a creamy-yellow, slightly flushed apricot. Oz., 30 cts. 5

1684 Golden King. Rich golden-yellow flowers of large size, and borne on long, strong stems, making it of special value for cutting. 40 cts. per oz. $0 10

1685 The Ball. A new golden-orange sort. 15

1686 Lemon King. Identical in every way to Orange King, except in color, which is a rich lemon-yellow. 40 cts. per oz. 10

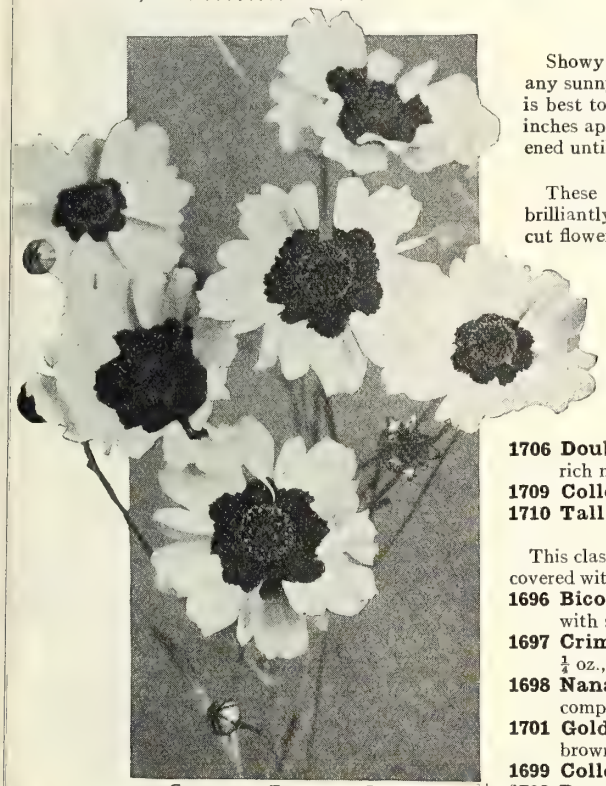
1687 Favorite. This is the lightest colored of the double sorts, being almost white margined clear yellow. Oz., 30 cts. 5

1689 Collection. One packet each of the above 8 sorts, 50 cts.

1690 Mixed. All the double sorts. Oz., 25 cts. 5

Annual Calliopsis

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn. We offer below a selection of the best dwarf and tall sorts.



CALLIOPSIS TINCTORIA SPLENDENS

Tall Varieties

These grow from 2½ to 3 feet high with fine feathery foliage and myriads of brilliantly colored blossoms that are equally as effective in beds or borders or as cut flowers.

1708 Marmorata. A very showy sort, covered with bright golden-yellow flowers, marbled with wall-flower-red. ¼ oz., 25 cts. $0 10

1703 Nigra Speciosa. A strong grower with good sized flowers of rich reddish-maroon. ¼ oz., 25 cts. 10

1704 Tinctoria Splendens. Another showy variety, the very large flowers being bright yellow and maroon, about evenly divided; illustrated in colors on plate facing page 56. ¼ oz., 30 cts. 10

1706 Double Tinctoria. Double and semi-double very showy flowers of rich maroon, edged with gold; ¼ oz., 25 cts. 10

1709 Collection of a packet each of the above 4 tall sorts, 30 cts.

1710 Tall Varieties Mixed. All colors. 20 cts. per ½ oz.; 35 cts. per oz. . 5

Dwarf or Bedding Varieties

This class forms compact shapely bushes 9 to 12 inches high, which are completely covered with their gay flowers all summer, ideal for the edge of borders or for massing.

1696 Bicolor Nana. Of dwarf, compact, even growth; flowers clear yellow, with small garnet eye; ¼ oz., 25 cts. $0 10

1697 Crimson King. A fine dwarf sort; color rich velvety crimson garnet. ¼ oz., 25 cts. 10

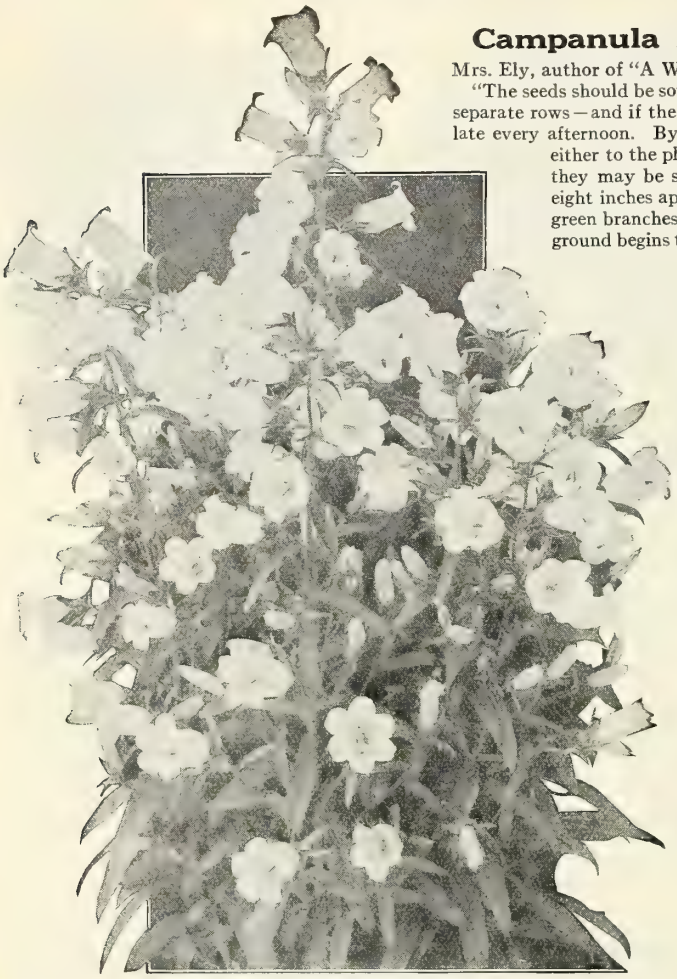
1698 Nana Marmorata. Identical in color to the tall variety, but of dwarf compact habit. ¼ oz., 25 cts. 10

1701 Golden Wave (*Drummondii*). Rich golden-yellow with small chestnut-brown centre; very free; ¼ oz., 25 cts. 10

1699 Collection of a packet each of the above 4 dwarf sorts, 30 cts.

1702 Dwarf Varieties Mixed. All colors. 25 cts. per ½ oz.; 40 cts. per oz. 10

If unable to find what you want, refer to the Index, page 2



CANTERBURY BELLS

Campanula Medium or Canterbury Bells

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"The seeds should be sown by mid-April, in finely prepared, rich soil—the colors in separate rows—and if the weather is dry, they should be given a thorough watering late every afternoon. By the 15th of July the little plants should be transplanted either to the places where they are to bloom the following summer, or else they may be set out temporarily in rows about a foot apart, the plants eight inches apart, and finally transplanted early in October. Some evergreen branches, or a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require.

Cup and Saucer Canterbury Bells (*Campanula medium calycanthema*). This is unquestionably the finest type of this old-fashioned and much prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration; 30 inches. We offer them in separate colors, as well as in mixture, viz.:

PER PKT.

1735 Calycanthema Dark Blue. A fine shade $0 15
1736 — Rose Pink. Delicate rosy-pink 15
1737 — Light Blue. A pretty tone of lavender. 15
1738 — White. Pure white 15
1739 Collection. A pkt. each of the 4 colors, 40 cts.
1740 — Finest Mixed. All colors of the Cup and Saucer type. ¼ oz., 75 cts. 10

Single Canterbury Bells

Campanula Medium

The old-fashioned sort with beautiful, large bell-shaped blossoms; 2½ to 3 feet; we offer four distinct colors and mixed, as follows:

PER PKT.

1744 Single Dark Blue $0 10
1745 — Light Blue 10
1746 Single Rose $0 10
1747 — White 10
1743 Collection. A pkt. each of the 4 colors, 30 cts.
1748 Single Mixed. All colors. ¼ oz., 25 cts 5
1741 Double Mixed. All the double-flowering medium varieties. ¼ oz., 50 cts. 10

Campanulas or Bellflowers

Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-shaped flowers, thriving best in light, rich soil; some of the varieties flower the first season if sown early.

PER PKT.

1721 Carpatica Blue (*Carpathian Hare Bell*). Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 8 inches high; especially good for edging. ¼ oz., 50 cts $0 10
1720 — Alba. The white-flowered form of the above. ¼ oz., 50 cts 10
1724 Persicifolia Grandiflora Blue (*Peach Bells*). Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers. 15
1725 — — Alba. The white-flowered Peach Bells 15
1728 Pyramidalis Blue (*The Chimney Bellflower*). A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers, 4 to 5 feet. ¼ oz., 50 cts 10
1729 — Alba. Same as above, but with white flowers. ¼ oz., 50 cts 10
1731 Rotundifolia (*Blue Bells of Scotland*). We have been fortunate in securing a limited quantity of seed of this much prized variety; 1 ft 25

CAMPANULA PYRAMIDALIS (Chimney Bellflower)

Read the General Cultural Notes on Raising Flowers from Seeds on page 51

Candytuft (Iberis Umbellata)

All authorities agree on the great decorative value of this charming annual for beds, borders, etc., and the larger the mass the better the effect. The plants grow about 12 inches high and will succeed in any light, airy position. Seed may be sown any time during the spring. They bloom in about eight weeks from the time of sowing, and in order to keep up a succession of bloom two sowings should be made at intervals of about two weeks. For best results give each plant sufficient space for full development, not less than six inches apart and nine inches is better. While highly useful for cutting, lasting well, and used extensively for this purpose by many commercial florists, it is for their bright effect in the garden that they are mainly grown.

1751 Carmine. Bright carmine rose.

1752 Crimson. Rich deep shade.

1755 Albida. Pure white.

1756 Flesh Pink. Delicate pink.

1757 Lavender. Delicate shade of rosy-lavender.

1758 Rose Cardinal. Brilliant deep rosy-red; one of the most effective for bedding.

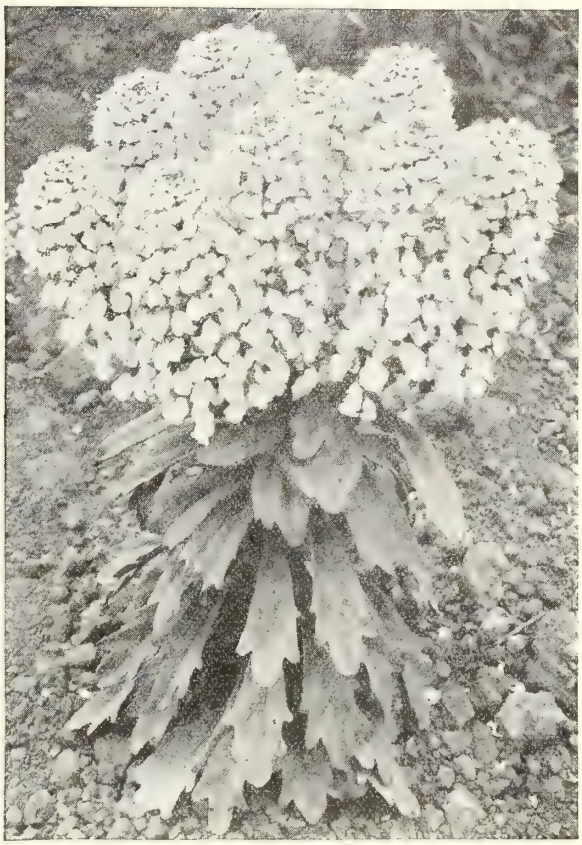
Price. Any of the above 6 colors, 10 cts. per pkt.; 30 cts. per ½ oz.; 50 cts. per oz.

1759 Collection. Containing a packet each of the above 6 colors, 40 cts.

1768 Collection of ½ oz. each of above 6 colors, $1.75.

PER PKT.

1760 Mixed. A splendid mixture containing all the colors, ½ oz., 25 cts.; oz., 40 cts. $0 10



GIANT HYACINTH-FLOWERED OR IMPROVED EMPRESS CANDYTUFT

PER PKT.

1753 Giant Hyacinth-flowered or Improved Empress. A wonderfully improved strain of the popular Empress Candytuft, quite distinct from the umbellata sorts offered above, forming much branched plants about 18 inches high, each branch terminated by an immense spike of very large individual pure white flowers Makes a very effective white bed or border, and is invaluable for cutting. (See cut.) Per ½ oz., 40 cts.; oz., 75 cts. $0 10

GIANT DOUBLE CARNATION

Carnation

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Giant Double type are the best for summer flowering.

1850 Hardy Border Double Mixed. A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety of colors; 2 feet. ¼ oz., 50 cts. $0 15

Giant Double Carnations

Raised by the famous French specialist Chabaud. Blooms in five months after being sown, and continues to produce its nicely fringed, intensely fragrant double flowers in the greatest profusion indefinitely; 18 inches.

We offer this grand strain in the following colors:

	PER PKT.		PER PKT.
1811 Blood Red	$0 25	**1814 Scarlet**	$0 25
1812 Yellow	25	**1815 Flesh-pink**	25
1813 Rose	25	**1816 White**	25

1818 Collection of a packet each of above 6 colors, $1.25.

1820 Finest Mixed. Containing the above and several other colors. ¼ oz., 75 cts. 25

Marguerite Carnations

These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. With slight protection they will survive an ordinary winter and bloom freely the following spring; 18 inches.

1840 Marguerite Mixed. All colors. ¼ oz., 40 cts. $0 10

1830 Giant Marguerite Mixed. An improved strain with flowers of extra large size in a splendid range of colors. ¼ oz., 50 cts. 15

FIVE FINE ANNUALS shown in colors, described and offered on page 56

CELOSIA CRISTATA GLASGOW PRIZE

Canary-bird Vine
(Tropaeolum Canariense)

PER PKT.

1749 A beautiful rapid growing annual climber, the charming little canary-yellow blossoms bearing a fancied resemblance to a bird with its wings half expanded. The sprays of flowers are very artistic and keep when cut in good condition for a week. Per oz., 40 cts. . . . $0 10

Canna (Indian Shot)

Dwarf, Large-flowering French. Unquestionably the finest bedding plants for the American climate. The seeds here offered are all of our own saving. Soak the seeds in warm water until they show evidence of swelling, then sow in sandy soil, and keep in a hotbed or greenhouse until the proper season for planting out.

1790 Mixed. Saved from the finest sorts. Per oz., 30 cts. 10

Cheiranthus

Very pretty dwarf hardy biennial plants, usually handled as annuals flowering freely through the summer from seed sown in spring; for early spring flowering sow in late summer. Splendid for rockery.

PER PKT.

1915 Allionii (*Siberian Wallflower*). About 12 inches high with heads of brilliant orange flowers. 40 cts. per ¼ oz $0 15

1916 Linifolium (*Alpine Wallflower*). Forms compact plants about 9 inches high with numerous small spikes of bright mauve flowers, makes a very neat line. 15

Celosia Cristata
(Cockscomb)

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May; 1 foot. PER PKT.

1851 Empress. Rich crimson; combs of colossal proportions $0 10

1852 Glasgow Prize. Immense, showy dark crimson combs 10

1853 Queen of the Dwarfs. Dark rose-colored 10

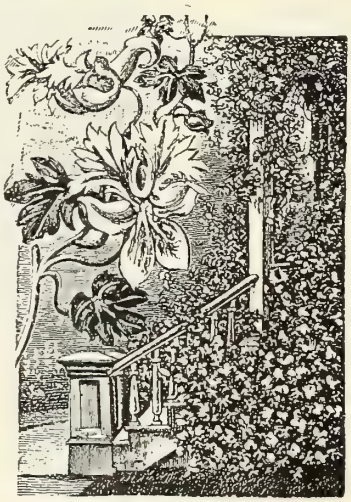
1854 Golden Queen. Large combs of rich golden-yellow 10

1855 Amaranth. Dark crimson garnet 10

1856 Bright Rose. Rich rose 10

1858 Collection of above 6 colors dwarf Cockscombs, 50 cts.

1860 Dwarf, Mixed. Fine dwarf varieties. ¼ oz., 50 cts.; 10 cts. per pkt.



CANARY-BIRD VINE

Celosia Plumosa (Feathered Cockscomb)

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as the Cockscombs described above. PER PKT.

1865 Childsi Crimson (*Chinese Woolflower*). This attractive variety grows about 2 feet high, bearing on long stems brilliant crimson flowers that look like balls of silky wool, effective in the garden, and can be cut and dried, lasting a long time. ¼ oz., 40 cts. $0 10

1864 Childsi Pink. A variety of the above, with flowers of a pretty shade of salmony pink. ¼ oz., 50 cts. 10

1867 Thompson's Superb (*Triomphe de l' Exposition*). Of pyramidal growth, attaining a height of 3 feet and producing graceful feathery plumes of the most brilliant crimson. ¼ oz., 30 cts. 10

1868 Thompsoni Magnifica. Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood-red. ¼ oz., 50 cts. 15

1866 Golden Plume. Bright, golden-yellow plumes. ¼ oz., 30 cts. 10

1870 Plumosa, Mixed. Feathered varieties in all colors. ¼ oz., 25 cts. . . . 10

Cerastium (Snow in Summer)

1911 Tomentosum. A very pretty dwarf, white-leaved edging or rock plant, bearing small white flowers; hardy perennial. 12 to 15 inches 15

CELOSIA PLUMOSA

CENTAUREAS

Under this name is included such popular annuals as the Cornflower, Sweet Sultans, etc. They are favorites in all sections of the country, are perfectly hardy, will grow and do well almost everywhere, and are much in demand as cut flowers.

Centaurea Imperialis (Royal Sweet Sultans)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut-flower purposes. The charming, sweet-scented, artistic-shaped flowers are borne on long, strong stems and when cut will stand for several days in good condition. It is best, in this latitude, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes; 2½ feet. (See cut.) We offer the following distinct colors:

	PER PKT.		PER PKT.
1891 Brilliant Rose	$0 10	**1894 Deep Purple**	$0 10
1892 Dark Rose	10	**1895 Delicate Lilac**	10
1893 Deep Lavender	10	**1896 Pure White**	10

1899 Collection containing a packet each of the 6 colors, 50 cts.

1900 Finest Mixed Colors. ¼ oz., 30 cts. 10

White-leaved Centaureas (Dusty Millers)

Fine for bedding, vases, hanging baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant in May. *The white-leaved Cinerarias are also known as Dusty Millers.* See page 79.

PER PKT.

1871 Candidissima. Silvery white; leaves broadly cut. Per 1000 seeds, 50 cts. $0 10

1872 Gymnocarpa. Fine cut silvery foliage; 1½ feet. Per 1000 seeds, 25 cts. 10

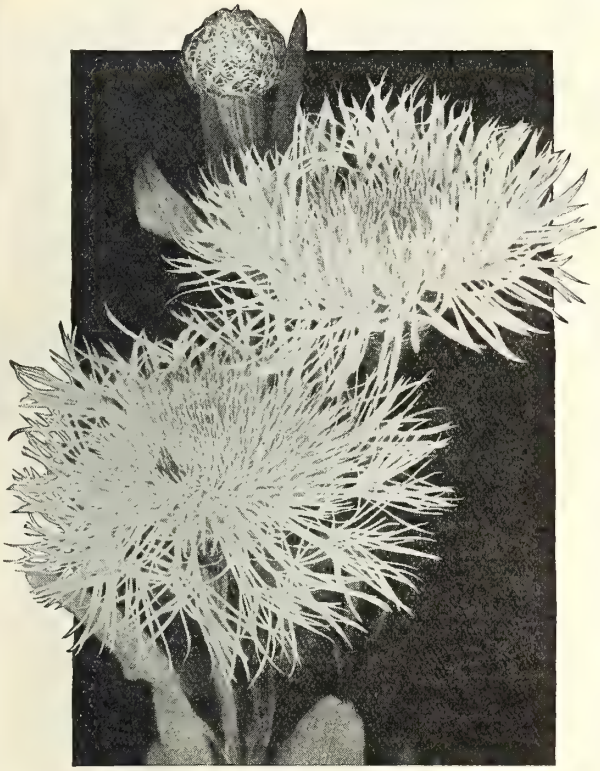
Various Centaureas

1874 Americana (*Basket Flower*). A splendid native variety, growing 3 feet high and bearing immense thistle-like blooms of a rosy-lavender color. Very showy in the mixed border and splendid for cutting. ¼ oz., 25 cts. 10

1901 Suaveolens (*Yellow Sweet Sultan or Grecian Cornflower*). Very showy, large, bright yellow flowers; sweetly scented and a popular sort for cutting; lasting well; 2 feet. ¼ oz., 30 cts. 10

1904 Montana (*Perennial Cornflower*). Hardy perennial variety, grows 2 feet high, bearing large violet-blue flowers from July to September. ¼ oz., 40 cts. 10

DOUBLE BLUE CORNFLOWER



CENTAUREA IMPERIALIS (Royal Sweet Sultan)

Double Cornflowers (Centaurea Cyanus)

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet and sometimes as Ragged Robin, but which name belongs to one of the Lychnis and frequently results in confusion. It is always best to order by the botanical names. They are well known to every flower lover and always included in old-fashioned gardens. We have discarded the old single-flowering type, the improved double-flowering sorts offered below being much better in every way; 3 feet.

PER PKT.

1881 Double Blue. This was introduced by us in 1907. It is identical in color to the single blue variety, but, being a full, double flower, it takes fewer of them to make a nice bunch. ¼ oz., 30 cts. $0 10

1882 Double Rose Pink. A splendid variety for cutting; color clear rose-pink. ¼ oz., 30 cts. 10

1883 Double White. Densely double pure white. ¼ oz., 30 cts. 10

1884 Double Maroon. Very rich and glossy. ¼ oz., 30 cts. 10

1885 Double Mauve. A beautiful shade. ¼ oz., 30 cts. .. 10

1886 Double Rosy-red. Very attractive. ¼ oz., 30 cts. .. 10

1889 Collection of a packet each of above 6 colors, 40 cts.

1888 Collection of ¼ oz. each of above 6 colors, $1.25.

1890 Double-flowered Mixed. All colors. ¼ oz., 20 cts.; oz., 50 cts. 10

SINGLE ANNUAL CHRYSANTHEMUMS

Chrysanthemums

Annual Varieties

The single-flowering annual Chrysanthemums or Painted Daisies are showy and effective garden favorites, extensively grown for cut flowers. The following hardy annuals are summer-flowering border plants (growing about 2 feet high), bearing in profusion large daisy-like flowers on good stems, and quite distinct from the hardy perennial and autumn flowering varieties.

PER PKT.

1921 Burridgeanum. Pure white petals with zone of rich brownish red and inner zone of yellow surrounding the dark brown disc. ¼ oz., 25 cts. $0 10

1922 Eastern Star. Clear yellow zoned deeper yellow, dark disc. ¼ oz., 25 cts. 10

1923 Morning Star. Petals canary yellow, with halo of deeper yellow; disc dark yellow. ¼ oz., 25 cts. 10

1924 Northern Star. Very large daisy-like flowers, 3 inches across, with pure white fringed petals, with canary-yellow zone around a dark brown eye. ¼ oz., 25 cts. 10

1925 Chameleon. Light yellow to tawny apricot, garnet band with yellow zone around dark disc. ¼ oz., 25 cts. 10

1926 Evening Star. Rich sunflower yellow, the disc slightly deeper yellow. ¼ oz., 25 cts. 10

1929 Collection of a packet each of the above 6 varieties 40

1928 Collection of ¼ oz. each of the above 6 varieties 1 25

1930 Single-Mixed (*Painted Daisies*). Many colors. ¼ oz., 20 cts.; oz., 50 cts. 10

1931 Coronarium, Double Mixed. Yellow, white, etc. ¼ oz., 20 cts.; oz., 50 cts. 10

1935 Inodorum Plenissimum (*Double White Mayweed*). Makes a bushy plant about 2 feet high, with fine feathery foliage, and pure white, densely double flowers, which are produced from mid-summer till frost; splendid for cutting. ¼ oz., 40 cts. 10

Chrysanthemums

Perennial Varieties

PER PKT.

1944 Japanese Hybrids. Our stock of this comes to us direct from Japan and is saved from a magnificent collection of over one hundred varieties, and cannot fail to produce satisfactory results. Seeds sown in spring will produce flowering plants by fall .. $0 25

1945 Double Early-flowering. A race which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce a fair percentage of double-flowering plants in a large range of colors 25

1951 Hardy Pompon. A fine strain of the old-fashioned hardy fall-flowering sorts, with double button-like blossoms. Mixed colors 25

1946 Maximum King Edward VII (*Moonpenny Daisy*). Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. ¼ oz., 30 cts. 10

Shasta Daisies

(Chrysanthemum Leucanthemum)

1948 Alaska. A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more; 3 feet. ¼ oz., 75 cts. 25

1950 Shasta Daisy Mixed. A general mixture saved from extra choice hybrids, and certain to produce varieties of merit; 3 feet. ¼ oz., 50 cts. 15

Clarkia Elegans

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. (See cut.)

PER PKT.

1981 Alba Fl. Pl. Very double, pure white $0 10

1984 Brilliant. Rich crimson scarlet; very double 10

1982 Salmon Queen. Extra double, salmon pink 10

1983 Vesuvius. A brilliant orange-scarlet 10

1989 Collection of a packet each of the 4 sorts, 30 cts.

1990 Double Mixed. A fine mixture containing all the colors. ¼ oz., 30 cts. 10

CLARKIA

Plants of Garden Chrysanthemums will be found offered with other hardy Plants

Cineraria Hybrida

Beautiful flowering plants for the house or conservatory during the spring months

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedlings may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached. Our prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture.

PER PKT.

1963 Dreer's Prize Dwarf. Dwarf compact plants not over a foot high, with immense heads of large individual flowers in a great range of beautiful colors $0 50

1964 Dreer's Prize Tall. Of taller growth than the above, with flowers of extraordinary size 50

1961 Matador. The new large-flowering scarlet, which adds considerable life and brilliancy to a collection 50

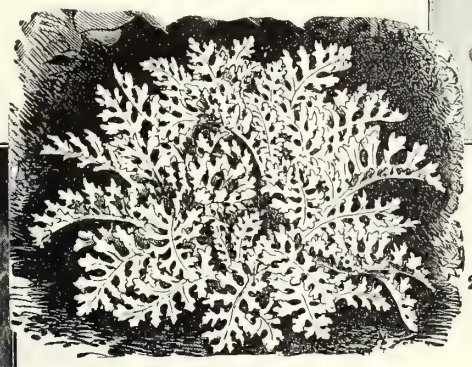
1962 Hybrida Nana Multiflora. This miniature variety forms dense, compact plants with good heads of small flowers in a good range of colors 35

1966 Stellata (*Star Cineraria*). A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory, and especially so for church decoration; also useful for cutting 25

White-leaved Cineraria (Dusty Miller)

1971 Maritima Candidissima. These, as well as the white-leaved Centaureas offered on page 77, are called "Dusty Millers." Fine for bedding, ribbon beds and margins; prized for their beautiful downy, silvery foliage; half hardy perennials, but should be treated as annuals; 2 feet. ¼ oz., 30 cts $0 10

COBAEA SCANDENS



CINERARIA MARITIMA

CLEOME GIGANTEA

Cleome (Giant Spider Flower)

PER PKT.

2002 Gigantea. The plants attain a height of 3½ feet, well branched, each branch terminated by a large head of bright rosy-crimson flowers. It makes a striking subject for large beds or for interspersing in the shrubbery border, and is used extensively in many of the public parks. Seed should be sown in the open ground as soon as the weather is warm and settled, and the plants given sufficient room to develop their full beauty. ¼ oz., 25 cts $0 10

Cobaea (Cups and Saucer Vine or Cathedral Bells)

A climber of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds *edgewise* and merely cover with light soil; to get early results start the seed indoors in March or April; can also be sown out-of-doors in May.

2021 Scandens. Large, bell-shaped purple flowers. ¼ oz., 25 cts $0 10

2022 Scandens Alba. Pure white. ¼ oz., 40 cts 10

Coleus (Flame Nettle)

2040 Dreer's Hybrids. Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. A most interesting subject to grow from seed. Sow indoors in March or April. 25

2041 Ornatus. Splendid, large-leaved variety, with strikingly handsome variegated foliage; of great value for all decorative purposes 25

Rainbow Corn (Zea Japonica Variegata)

2662 As an ornamental foliage plant this is not only highly effective, but very interesting. It grows about 5 feet high, quite bushy, the wonderfully variegated leaves being striped with bright green, silvery white, rosy purple and sulphur yellow. It makes a very pretty dividing line between the vegetable and flower garden, or it may be used in the mixed border. Per oz., 25 cts.. 10

Coreopsis

PER PKT.

2071 Lanceolata Grandiflora. This is one of the finest hardy plants, with large showy, bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year; 30 inches. ¼ oz., 25 cts. $0 10

2072 Lanceolata Grandiflora Fl. Pl. (*Double-flowering Coreopsis*). This new double and semi-double form is just as easy to grow as the single-flowering and the extra petalage adds a further charm to the flower. ¼ oz., 50 cts. 15

New Double-flowering Coreopsis
Lanceolata Grandiflora

Cowslip (Primula Veris)

2110 Mixed. A beautiful hardy spring-flowering perennial; flowers of different colors, such as yellow, brown-edged yellow, etc. Very fragrant; 6 inches 15

2112 Invincible Giant. Quite distinct from the ordinary Cowslip, both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. The colors range from pure yellow and orange to the deepest scarlet and crimson .. 25

Cypress Vine (Ipomoea Quamoclit)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours; 15 feet.

2156 Scarlet. Per ¼ oz., 20 cts. $0 10

2157 White. Per ¼ oz., 20 cts. 10

2160 Mixed. White and scarlet. Per ¼ oz., 20 cts.; oz., 50 cts. 10

2158 Quamoclit Hybrida (*The Cardinal Climber*). The best annual climber introduced in many years; beautiful fern-like foliage and brilliant cardinal flowers. For description, see below 15

Convolvulus (Morning Glory)
Major, or Climbing Morning Glories

Deservedly very popular, as they are one of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed. Soaking the seeds in warm water for an hour or two hastens germination; annuals, 15 feet.

PER PKT.

2060 Mixed. All colors. Per oz., 20 cts. $0 05

2061 Double Flowering. About 80 per cent of the seedlings will produce double flowers, the remainder semi-double or single. Per oz., 40 cts. 10

Imperial Japanese or Emperor Morning Glories are offered on page 93.

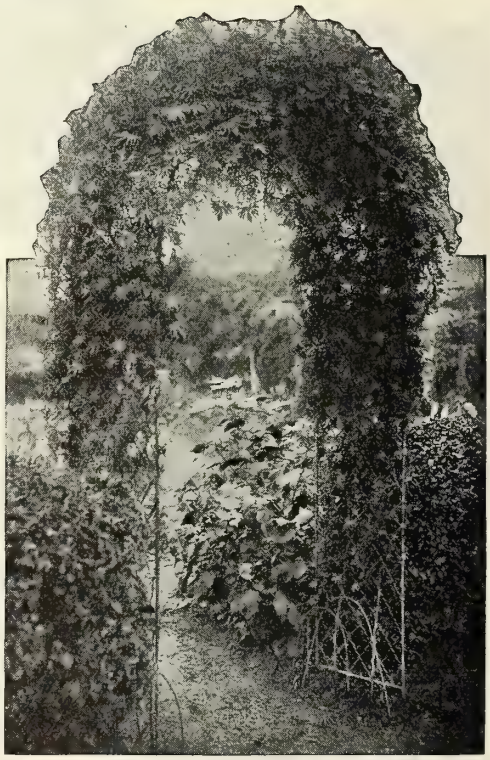
Minor, or Dwarf Morning Glories

While these are called Dwarf Morning Glories, they really remain open all day in fine weather, and are rich colored, handsome dwarf plants, and not as well known as they should be; they make a fine border, or can be grown in masses in beds, producing an unusually brilliant effect.

2052 Minor Tricolor, Mixed. A very large range of color, from pure white to deep purple, annual; 1 foot. Per oz., 20 cts. 05

The Cardinal Climber
(Ipomoea Quamoclit Hybrida)

2158 We named and introduced this glorious and absolutely distinct annual climber and it is generally considered the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like foliage, and literally covered with a blaze of circular cardinal-red flowers from mid-summer till frost. The flowers, about 1½ inches in diameter, are borne in clusters of 5 to 7 each. Like other Ipomoeas, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April, in a temperature of not less than 70 degrees, but it is just as well to wait until the weather gets warm and settled and then sow out of doors. Packets containing about 25 seeds each, 15 cts.



The Cardinal Climber

COSMOS

Beautiful summer and autumn blooming plants. They produce thousands of artistic flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for autumn decorations when other flowers are scarce. Should be sown in Spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere. The Autumn Giant sorts produce the finest flowers, but bloom late, and for points north of Philadelphia it is safer to get the extra early flowering type; the double flowering type is becoming very popular; 3 to 4 feet.

Extra Early Colossal or Midsummer Giant Cosmos

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 20th, two months before the late-flowering kinds. By careful selection they now have flowers as large as the late-flowering kinds, and will undoubtedly perfect their blooms in the most northerly States.

	PER ¼ OZ.	PER PKT.
2085 Early Crimson. Very rich	$0 25	$0 10
2086 Early Pink. A pretty shade	25	10
2087 Early Pure White	25	10
2089 Collection of a pkt. each of the 3 colors for 25 cts.		
2090 Early Mixed. All colors. ¼ oz., 20 cts.; oz., 60 cts.		10

Early Double Cosmos

This new type is sure to be appreciated, having all the good qualities of the late blooming sort, but flowering in July and August, we offer as under:

	PER PKT.
2076 Carnelia. Rich rosy crimson	$0 25
2077 Peachblossom. Deep rosy-pink	25
2078 Whirlwind. Pure white	25
2079 Collection of a packet each of the 3 colors, 60 cts.	
2080 Early Double Mixed. ¼ oz., 75 cts	20

Extra Early Colossal Cosmos

Autumn Giant Cosmos

This popular autumn flower bears gigantic flowers, with wide, overlapping petals of splendid substance, making perfectly circular flowers, which is borne on very long stems. This type produces the largest and finest blooms which are perfected in September and October; for points north of Philadelphia we recommend the Extra Early Colossal strain offered above. We offer three colors and mixed as under:

	PER PKT.
2093 Giant Pink. A beautiful deep rosy-pink. ¼ oz., 20 cts.	$0 10
2094 Giant White. The white-flowered form of the above. ¼ oz., 20 cts	10
2092 Giant Crimson. Rich crimson. ¼ oz., 20 cts.	10
2099 Collection of a packet each of the 3 colors, 25 cts.	
2100 Giant Mixed. Contains an even proportion of the three colors. ¼ oz., 20 cts.; oz., 50 cts.	10

Late Double Cosmos

A recent introduction and becoming more popular each season, the flowers are very artistic and stand for a long time when cut.

2081 Crimson King. Deep rose crimson	$0 20
2082 Pink Beauty. Soft rosy-pink	20
2083 White Queen. Pure white	20
2098 Collection of a packet each of the 3 late doubles for 50 cts.	
2084 Late Double Mixed. All colors. ¼ oz., 50 cts	15
2101 Yellow Cosmos "Klondyke." Golden yellow flowers borne on long stems, and measures from 2½ to 3½ inches across. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower	15

Early Double-flowering Cosmos

Novelties and Specialties in Flower Seeds are offered on pages 52 to 62

Cynoglossum (Chinese Forget-me-not)

PER PKT.

2148 Amabile. An annual recently introduced from China; of the easiest culture, forming strong plants 18 to 24 inches high and producing through the summer months sprays of intense blue Forget-me-not-like flowers, delicately sweet scented. A splendid addition to the comparatively short list of real blue flowers. ¼ oz., 40 cts. $0 15

Cyclamen

Charming house plants, with beautiful foliage, and rich-colored fragrant flowers; universal favorites for winter and spring blooming. Seed may be sown any time during the spring or autumn.

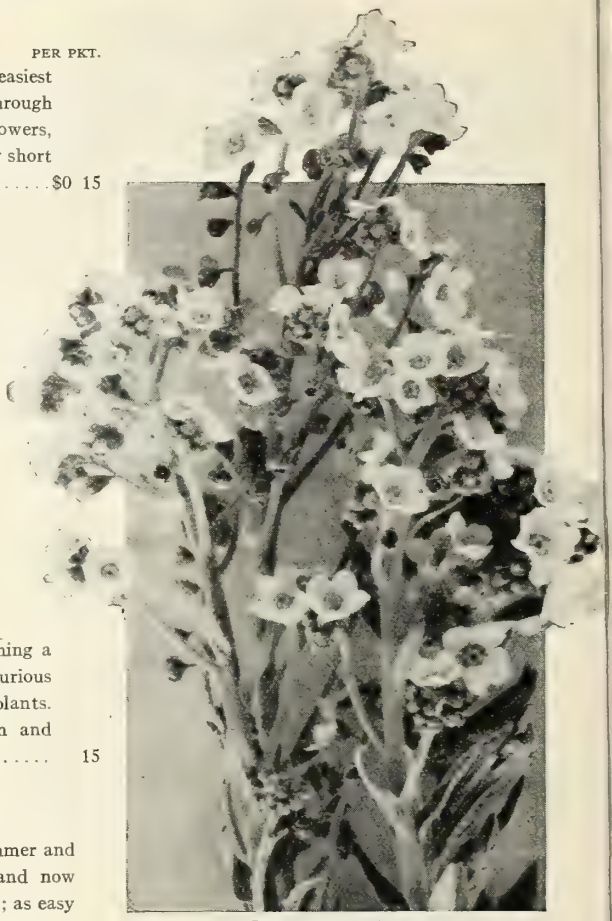
2120 Persicum. A very fine strain, not so large, but easier to grow than the Giants; mixed colors. Per 100 seeds, $1.00 15

2130 Giant Finest Mixed. Saved from a superb collection. Per 100 seeds, $2.00 25

2123 Butterfly. In this type the edges of the flowers are beautifully fringed or waved; for house or conservatory decoration they are of surpassing beauty. Mixed colors 35

Dictamnus (Gas Plant)

2348 Fraxinella Alba. A very showy hardy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious flowers during June and July, one of the most permanent of hardy plants. Instances are known where this plant has outlived father, son and grandson, in the same spot. Seed somewhat slow in germinating 15



Cynoglossum Amabile

Dolichos (Hyacinth Bean)

Dahlias

One of the best late summer and autumn flowering plants, and now enjoying a wide popularity; as easy to grow from seed as Nasturtiums; the double sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as June, although an earlier start is better.

PER PKT.

2181 Colossal Peony-flowered. French strain, producing mammoth semi-double Peony-like flowers in a bewildering range of colors $0 15

2182 Giant Perfection. This strain produces single flowers of immense size, averaging 6 inches across, in a great variety of coloring. ¼ oz., 50 cts. 15

2185 Collerette. A novel type, having a row of petals around the disc like a frill or collar, and which is of a different color to the regular petals; mixed colors 15

2190 Single Choice Mixed. All colors. ¼ oz., 30 cts. 10

2196 Double Cactus. This type is very desirable. Many colors 15

2197 Double Decorative. Saved from a superb collection containing a very varied range of colors, with flowers frequently 8 inches across 15

2200 Double Large-flowering. Saved from fine double show sorts 15

Dolichos (Hyacinth Bean)

A rapid growing annual climber, flowering freely in erect racemes, followed by ornamental seed-pods; for covering arbors, trellises, etc. Sow the seed in the garden in May where they are to remain; 10 feet.

2377 "Daylight." Attain a height of over 10 feet, and covered with spikes of snow-white pea-shaped blossoms from July until late fall. The heart-shaped foliage is bright green and not affected by insect pests. Per oz., 25 cts. $0 10

2376 "Darkness." Identical in every way to the above except in color, which is rich purple violet. Per oz., 25 cts. 10

2380 Lablab, Mixed. Purple and white. Per oz., 20 cts. 05

Five Fine Annuals

1132 We illustrate this interesting collection in colors on plate facing page 56. 1 pkt. of each for 50 cts.

THREE SPIKES OF DREER'S DE LUXE HYBRID DELPHINIUMS

Delphinium (Hardy Perennial Larkspur)

Seed may be sown any time from Spring till Autumn. Sow in fine soil to the depth of the seed, not deeper than ⅛ inch. Firm the soil and moisten thoroughly. Keep shaded and moist, with a free circulation of air at all times. In about 20 days the pointed seed leaves will appear, remove shade and when the true, or round leaves appear, transplant to their permanent places. Keep the seedlings shaded until the roots take hold and then let the sun and rain do their work.

Early spring sowings will produce some flowers in the early Fall and will be at their best the following Spring. PER PKT.

2245 Dreer's De Luxe Hybrids. A wonderful strain. For description see Novelties and Specialties, pages 52 to 62. ¼ oz., 75 cts. . $0 25

2240 Gold Medal Hybrids. With the exception of our new De Luxe mixture this is the finest strain of mixed hybrids offered. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. Per ¼ oz., 60 cts.; per oz., $2.00 15

2219 Belladonna Improved (*Everblooming Hardy Larkspur*). All experts agree that this strain is a real improvement on the original. It is the freest and most continuous blooming of all the Hardy Larkspurs. The clear turquoise blue of its flowers is not equalled for delicacy and beauty, a generous planting should be included in every Hardy border. ¼ oz., 75 cts. 25

2221 Bellamosum. This is a rich, deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities. ¼ oz., 75 cts. 25

2225 Chinense (*Blue Butterfly*). A distinct and neat variety growing about 18 inches high, with fine feathery foliage, and producing freely large blossoms of intense gentian-blue. ¼ oz., 40 cts. 10

2224 — Album. The white flowered form. ¼ oz., 40 cts. 10

Dreer's De Luxe Delphiniums in separate color tones are offered with other Specialties on pages 52 to 62

DIANTHUS OR PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when the danger from frost is past, and in a few weeks time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high, and can be used in beds or borders of solid or mixed colors. The double flowering sorts are almost as fine as carnations for cutting. They are not particular as to soil, but should have a sunny location.

GROUP OF DOUBLE ANNUAL PINKS

Double Annual Pinks

PER PKT.

2250 Chinensis Fl. Pl. (*China or India Pink*). Flowers very double and of many bright colors. ¼ oz., 25 cts. $0 05

2254 Diadematus Fl. Pl. (*Double Diadem Pink*). Beautiful double flowers; mixed, of various tints of lilac, crimson, purple, to very dark purple, with the outer edges fringed and nearly white. ¼ oz., 40 cts. 10

2256 Fireball. Rich, blood-red. Makes a striking contrast to the variety Snowball. ¼ oz., 50 cts. 10

2260 Heddewigi Fl. Pl. (*Double Japan Pink*). Double mixed. Colors varying from the richest velvety crimson to the most delicate rose. ¼ oz., 30 cts. 10

2272 Lucifer. A double flowering form of the bright geranium-red single Pink Vesuvius, offered on next page. The nicely fringed double flowers are about 2 inches across, and, owing to its intense, dazzling color, a general favorite. ¼ oz., 50 cts. 10

2276 Mourning Cloak (*White Frill*). Rich, blackish, velvety crimson, margined white. ¼ oz., 40 cts. 10

2280 Nobilis Fl. Pl. (*Double Royal Pink*). Flowers of largest size, varying in color from scarlet to dark blood-red and rose to white. ¼ oz., 40 cts. 10

2281 Salmon King. Brilliant salmon rose. ¼ oz., 50 cts. 10

2282 Snowball. Large double white, splendid for cutting or as a border. ¼ oz., 40 cts. 10

PER PKT.

2285 Violet Queen. Rich violet, an unusual shade. ¼ oz., 50 cts. $0 15

2289 Collection Brilliant Double Dianthus. Containing a packet each of six of the best double sorts, 40 cts.

Hardy Garden Pinks (Dianthus Plumarius, etc.)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

PER PKT.

2335 Caesius (*Cheddar Pink*). A splendid rock plant, forming dense tufts a few inches high and sweet scented bright rosy-pink flowers in May and June. ¼ oz., 50 cts. $0 15

2336 Plumarius Semperflorens (*Everblooming Hardy Garden Pinks*). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. ¼ oz., 75 cts. 25

2337 Plumarius Fl. Pl. (*Double Hardy Garden Pinks*). Double and semi-double varieties in beautiful colors. ¼ oz., 60 cts. 15

2340 Plumarius (*Grass Pinks, Scotch Pink, or Pheasant-eye Pink*). A beautiful single hardy Pink, with fringed edged flowers of various colors. ¼ oz., 40 cts. $0 10

2342 Latifolius Atrococcineus Fl. Pl. (*Everblooming Hybrid Sweet William*). This is a cross between an annual pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson scarlet. Illustrated in colors on plate opposite page 56. ¼ oz., 50 cts. 15

2343 Latifolius Double Mixed. In addition to the brilliant crimson-scarlet sort offered above, this mixture contains purple, violet and rose. ¼ oz., 40 cts. ... 10

The beautiful SINGLE ANNUAL PINKS are offered on page 85

DIANTHUS, or PINKS

Single Annual Pinks

All of the Single Annual Pinks have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

PER PKT.

2301 Crimson Belle. Rich velvety crimson. Per ¼ oz., 40 cts. . $0 10

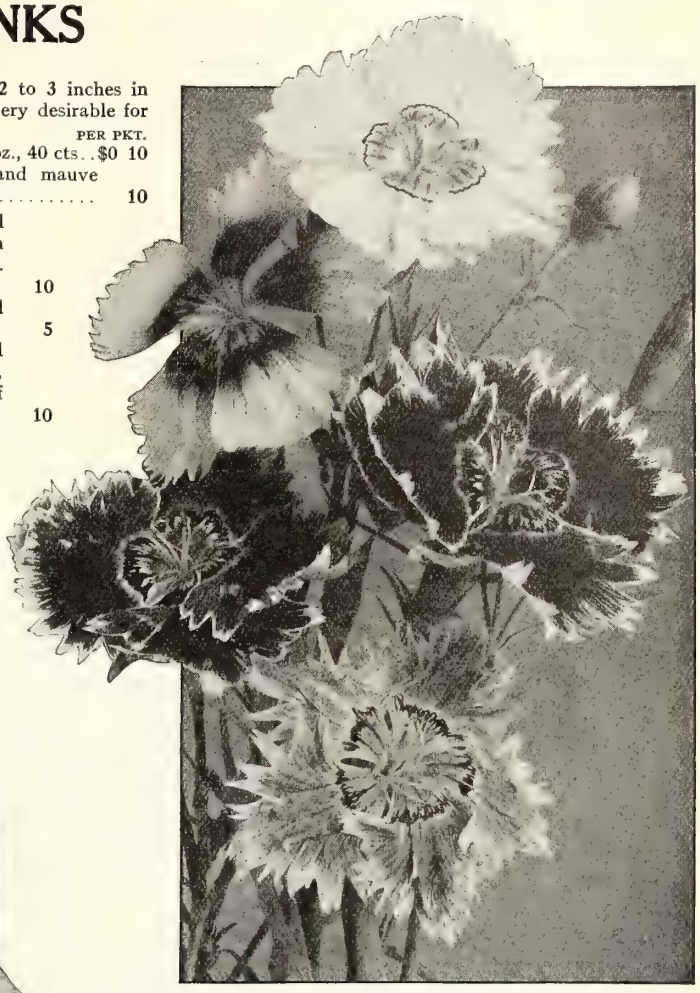
2302 Eastern Queen. Beautifully marbled rose and mauve flowers. Per ¼ oz., 40 cts. 10

2320 Nobilis (*Royal Pinks*). Selected and improved varieties of the popular single-flowering Japan pink. The colors vary from white to dark red. Per ¼ oz., 50 cts. 10

2310 Heddewigi (*Single Japan Pink*). Finest selected single-flowered; mixed. Per ¼ oz., 30 cts. 5

2321 Princess Pinks (*Punctatus*). A very novel variety with fringed flowers; mottled, flaked, spotted and striped in the greatest diversity of colors. ¼ oz., 40 cts. 10

2316 Marvelous. This remarkable strain produces large flowers, with the petals deeply cut into fine strips of thread-like fringes; all shades from pure white to deep purplish-red. Per ¼ oz., 40 cts. 10



SINGLE ANNUAL DIANTHUS OR PINKS

PER PKT.

2324 Salmon Queen. The well-formed nicely fringed flowers are a brilliant salmon color, changing into a salmon-rose when fading. The seeds of this variety are white, or yellowish white; those of other annual Pinks are dark brown or black. Per ¼ oz., 50 cts. $0 10

2325 Vesuvius. Brilliant geranium-red; makes a very effective bed or border. Per ¼ oz., 40 cts. 10

2329 Collection Brilliant Single Dianthus. Containing a packet each of six of the best single sorts, 40 cts.

NEW GIANT SHIRLEY FOXGLOVES

Digitalis (Foxglove)

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods and other half shady places; 3 to 5 feet.

Gloxiniaeflora. This is a fine strain of the ordinary Foxglove *D. purpurea*, with handsome spotted Gloxinia-like flowers on long spikes.

PER PKT.

2356 — Purple. $0 10

2357 — Rose. 10

2358 — White. $0 10

2360 — Mixed. All colors, ¼ oz., 30 cts. 10

2361 Giant Shirley. The finest strain of Foxgloves yet introduced, for description, see Specialties, pages 52 to 62. ¼ oz., 50 cts. . . 15

2366 Grandiflora. Spikes of light yellow flowers. 10

2367 Maculata Superba. An extra choice strain of beautifully spotted sorts. ¼ oz., 40 cts. 10

2370 Monstrosa (*Mammoth Foxglove*). Long spikes surmounted by one enormous flower; all colors mixed. ¼ oz., 40 cts. 10

Double-flowering Annual Pinks and Hardy Pinks are offered on page 84

Didiscus (Blue Lace Flower)

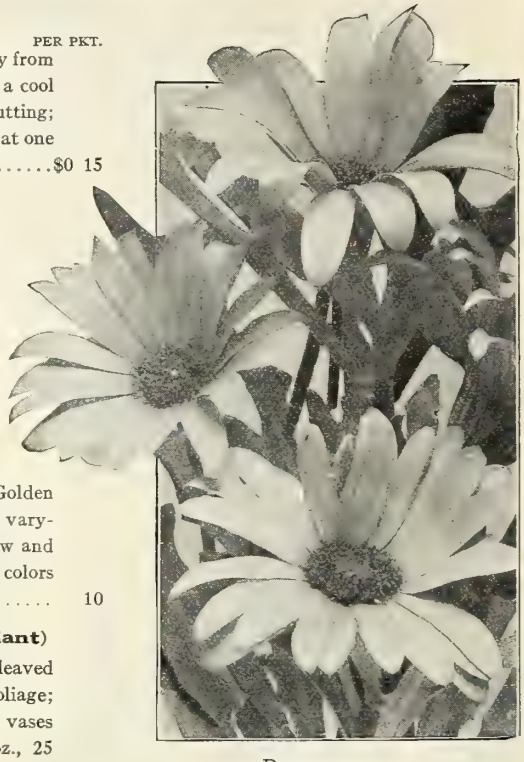
PER PKT.

2351 Coeruleus. This pretty and interesting annual blooms most profusely from July till November; also used extensively for early spring flowering in a cool greenhouse; their exquisite pale lavender blossoms are excellent for cutting; plants grow about 18 inches high, and have as many as 50 flowers open at one time. (See cut.) ¼ oz., 50 cts. $0 15

Dimorphotheca (African Golden Daisy)

2375 Aurantiaca. An extremely showy annual daisy from South Africa, which suits our climatic conditions perfectly. The bushy plants grow 12 to 15 inches high. The flowers, which are 2½ inches and over across, are a unique, rich, glossy orange-gold, with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom. Seed may be sown in the same way as Asters or Petunias, and should have a dry, sunny position. They bloom the greater part of the summer and fall. ¼ oz., 40 cts. 10

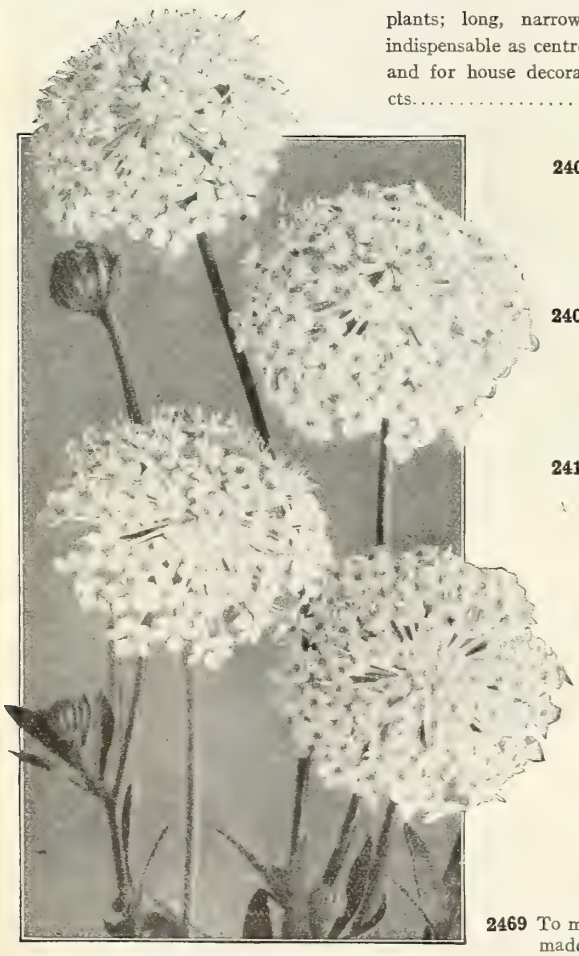
2374 Aurantiaca Hybrida. Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent; flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. ¼ oz., 50 cts. 10



Dimorphotheca

Dracaena (Dragon Plant)

2386 Indivisa. Beautiful ornamental-leaved plants; long, narrow, green foliage; indispensable as centre plants for vases and for house decorations. ¼ oz., 25 cts. 10



Didiscus (Blue Lace Flower)

Echinocystis (Wild Cucumber Vine)

PER PKT.

2401 Lobata. One of the quickest growing annual vines we know of; splendid for covering trellises, old trees, fences, etc. Clean, bright green foliage and sprays of white flowers in July and August. (Illustrated on page 87.) Per oz., 30 cts. $0 10

Echinops (Globe Thistle)

2404 Ritro. Striking hardy perennial plants, with handsome silvery thistle-like foliage and fine steel-blue flowers in round heads, which can be used for cutting. Excellent for the back of the hardy border among other tall plants; 3 to 5 feet 10

Erysimum (Fairy Wallflower)

2411 Perofskianum. A pretty annual, growing about 18 inches high, bearing throughout the summer dense racemes of brilliant orange-yellow Wallflower-like flowers, a rather unusual color in annuals. It is of the simplest culture. Sow the seeds in the open ground in spring and give it a sunny position. ¼ oz., 20 cts. 10

Eupatorium (Thorough Wort)

Strong-growing hardy perennials, well suited for naturalizing and deserve a place in every hardy border; they will grow and thrive in almost any situation.

2442 Ageratoides. A very useful variety, growing 3 to 4 feet high, with dense heads of minute white flowers from August to October 10

2441 Fraseri. A very pretty dwarf variety, producing clusters of snow-white flowers; fine for cutting and bouquets; 1½ feet 10

Everlasting Flowers

2469 To meet the growing demand for these for use in winter bouquets we have made up a collection containing a packet each of the best eight varieties. Price, 50 cts.

ESCHSCHOLTZIAS OR CALIFORNIA POPPIES

Eschscholtzia (California Poppy, Gold Cups)

This beautiful and brilliant annual has been greatly improved in recent years, and we now have many beautiful and unusual colors.

Seed may be sown at any time during the spring, the earlier the better where they are to remain, as they do not stand transplanting. They will grow nicely and bloom profusely over a long season in any sunny position. As a subject for beds of any size or as a border, their finely cut, blue-green foliage, and glossy flowers of satin-like texture, make them one of the most desirable annuals. As cut flowers they are very artistic, and when used for this purpose, should be cut when in bud. 1 foot. PER PKT.

2421 Aurantiaca. Rich golden orange.....$0 10

2422 Chrome Queen. Rich chrome yellow..... 10

2428 Rosy Queen. Soft flesh-pink..... 10

2425 Crimson King. Rich carmine-crimson..... 10

2427 Purple Glow. A new color in California Poppies—a bright reddish-purple and the darkest shade yet obtained..... 10

2426 Geisha. Bright scarlet on the outside, inside rich golden orange..... 10

2435 Vesuvius. Rich wallflower or coppery red..... 10

2439 Collection of a packet each of the above 7 sorts, 50 cts.

2440 Single Mixed. All colors. Per oz., 30 cts..... 5

2437 New Hybrid Mixed. This mixture has been saved from a number of new sorts of wonderful colorings, including wallflower red, old gold, fire-red, chestnut, cream and many other rich and unusual tones. Per ¼ oz., 30 cts.; oz., $1.00..... 10

Euphorbia

Strong-growing annuals, suitable for beds of tall-growing plants, or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental. PER PKT.

2452 Variegata (*Snow on the Mountain*). Attractive foliage; veined and margined with white; 2 feet. Per ¼ oz., 20 cts.....$0 10

2451 Heterophylla (*Annual Poinsettia*). An annual resembling in habit and color the beautiful hothouse Poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form, with smooth, glossy green leaves which about midsummer become a beautiful orange-scarlet, presenting a striking appearance.....$0 15

EUPHORBIA VARIEGATA (Snow on the Mountain)

Ferns

2470 Mixed. Should be grown in a peaty, sandy soil and moist shady position in the garden during summer. Sow on the surface in seed pans or pots, keep moist, and in a temperature of 60 degrees..... 15

Geranium (Pelargonium)

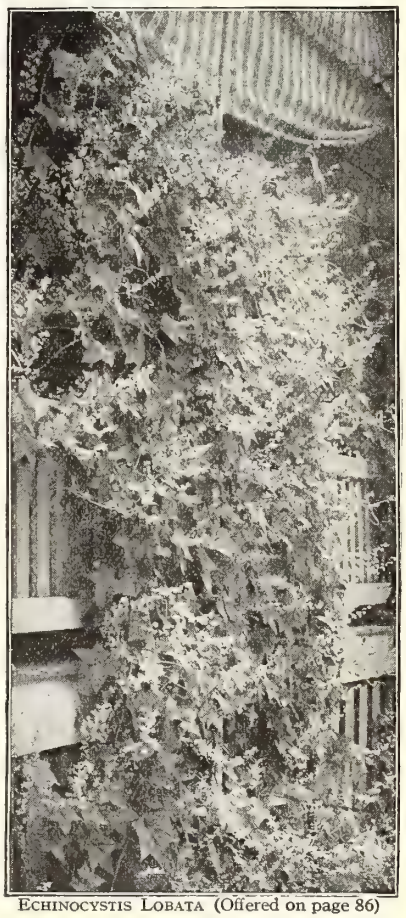
2530 Zonale, Mixed. A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transferred to the open in May or June..... 15

Geum (Avens)

2541 Atrosanguineum Fl. Pl. Beautiful hardy perennial, bearing profusely large, showy double dark-crimson flowers all through the summer; an elegant flower for bouquets; 18 inches..... 15

2542 Mrs. Bradshaw. Large double brilliant orange scarlet; in flower throughout the entire summer..... 15

2543 Lady Stratheden. New double-flowering golden-yellow..... 25



ECHINOCYSTIS LOBATA (Offered on page 86)

We offer an unusually fine line of Zinnias. See page 62, also 116 and 118

DOUBLE-FLOWERING GAILLARDIAS

Gilia

PER PKT.

2551 Capitata. This is a very graceful annual, growing about 2 feet high with fine feathery foliage and bearing freely over a long season, globular heads, about 1 inch across, of rich lavender blue flowers, which last well when cut. Illustrated in colors on plate opposite page 56. ¼ oz., 25 cts. $0 10

Globe Amaranth (Gomphrena)

Popularly known as "Bachelor's Button," a first-rate bedding plant; the flowers resemble clover heads and can be dried and used in winter bouquets. Cornflowers and a number of other flowers are also known as Bachelor's Buttons, and in ordering it is well to order by number to prevent mistakes. (See cut.)

2570 Mixed. 2 feet. ¼ oz., 25 cts. 10

Gloxinia

2578 Hybrida Grandiflora. A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrives best in an equal mixture of peat, loam and sand. Sow in March, blooms in 5 months after sowing. Our strain is unsurpassed, containing the spotted hybrids as well as the finest self-colored sorts. 50

Godetia

2590 Mixed. Attractive, hardy annuals, deserving more extensive cultivation, especially in the cooler parts of the country. The plants bloom profusely, and bear showy flowers, not unlike an Azalea, of satiny texture in many rich and varied colors. They do best in a rather poor soil; 1 foot. (See cut on page 89.) ¼ oz., 25 cts. . 10

Grevillea (Silk Oak)

2681 Robusta. A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed; producing good sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree. 10

Gaillardia (Blanket Flower)

Annual Varieties

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ feet. PER PKT.

2498 Picta Indian Chief. A new richly colored variety, offered with other specialties on pages 52 to 62 ..... $0 15

2496 Picta. Crimson and orange. ¼ oz., 25 cts. 10

2500 Picta Mixed. Single sorts. ¼ oz., 25 cts. 10

2497 Double-flowering Mixed. A charming, profuse, double-flowering strain; beautiful mixed colors. ¼ oz., 40 cts 10

Hardy Perennial Varieties

The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. If sown early they begin flowering in July, continuing a mass of bloom until frost; fine for cutting; 2 to 2½ feet.

2507 Portola Hybrids. Described and offered with other specialties on pages 52 to 62 ..... $0 25

2502 Grandiflora Compacta. A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort. ¼ oz., 40 cts. 15

2503 Kermesina Splendens. Rich crimson, narrow canary-yellow border. ¼ oz., 40 cts. 15

2505 Grandiflora Copper-red. A striking new color in this popular perennial. ¼ oz., 40 cts. 15

2510 Grandiflora Superb Mixed. Our own saving; splendid combinations of crimson and gold in great variety. ¼ oz., 30 cts. 10

GLOBE AMARANTH

We illustrate in colors five favorite annuals, see page 56

Ornamental Gourds

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet. PER PKT.

2606 African Pipe. The stem ends of the fruits are much used in making pipes.... $0 10

2612 Dipper, or Calabash.... 10

2613 Egg-shaped. Fruit white like an egg.... 10

2614 Hercules' Club. Club-shaped; 4 feet long.... 10

2615 Luffa (*Dish-rag, Sponge or Bonnet Gourd*).... 10

2617 Pear-shaped. Striped; very showy.... 10

2619 Spoon. A very odd variety.... 10

2621 Knob Kerrie. A very ornamental variety, bearing fruit having a slender stem 3 to 5 feet long, with a round Knob or ball on the end.... 10

2629 Collection of the above 8 varieties, 50 cts.

2630 Mixed Varieties. All kinds. Per oz., 25 cts.... 5

Gypsophila (Baby's Breath)

Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers. PER PKT.

2687 Elegans alba grandiflora. This is an improved large flowering pure white form of the annual Baby's Breath, of free easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made during the season to keep up a supply; 18 inches. Per oz., 25 cts.... $0 10

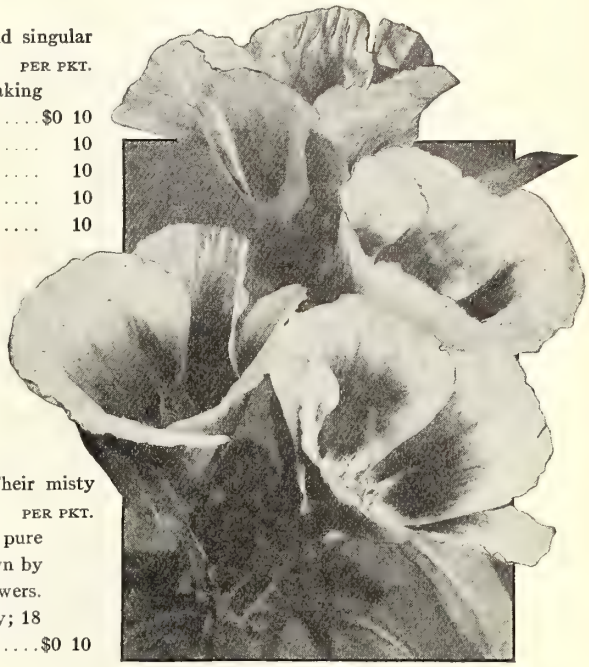
2690 Elegans Delicate Pink. A pretty blush pink form of the above, and equally as valuable for cutting; 18 inches. Per oz., 30 cts.... 10

2692 Muralis. An annual sort which forms mounds of green 6 to 8 inches high, thickly studded, with little pink flowers from early in the season till frost; fine for edging. Per ¼ oz., 30 cts.... 10

2694 Paniculata. White flowers, fine for bouquets; one of the favorite hardy perennials, blooms first year if sown early; 3 feet. ¼ oz., 25 cts.... 10

2695 Paniculata Double Snow White. One of the most important hardy perennials of recent introduction. The plant grows from 3 to 3½ feet high, bearing its pretty little double white flowers in much-branched panicles which, when cut, can be used to great advantage with other flowers or by themselves as they retain their beauty for months. It is also a most desirable addition to the hardy border.... 25

ORNAMENTAL GOURDS



GODETIA. Offered on page 88.

Ornamental Grasses

The ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets.

Annual Varieties

These are of the easiest culture, the seed may be sown where they are intended to bloom as soon as danger from frost is passed. PER PKT.

2638 Agrostis Nebulosa (*Cloud Grass*). An airy and graceful sort, 18 inches high and looks like a line of mist when in bloom.... $0 10

2641 Briza Maxima (*Quaking Grass*). The pretty heads are in great demand for grass bouquets; 18 inches.... 10

2644 Coix Lachrymae (*Job's Tears*). Broad, corn-like leaves and hard, shining pearly seeds; 2 feet. Per oz., 20 cts.... 10

2645 Eragrostis Elegans (*Love Grass*). Of erect growth about 18 inches high. With feathery panicles, nice for cutting.... 10

2654 Pennisetum Longistylum. Extremely graceful greenish-white plumes; excellent for bordering beds; 2 feet. ¼ oz., 30 cts.... 10

2655 — Rueppelianum (*Purple Fountain Grass*). Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; 3 feet. Per ½ oz., 30 cts.. 10

2669 Collection of a packet each of above 6 Annual sorts, 50 cts.

Perennial Varieties

For large beds or groups on lawns nothing gives a finer effect than the Hardy Grasses, and they are now largely used in prominent positions in many of the finest public parks, etc.

2651 Gynerium Argenteum (*Pampas Grass*). White silvery plumes; blooms the second season; 5 feet.... $0 10

2647 Eulalia Zebrina (*Zebra Grass*). Light green, barred with creamy white *across* foliage; 6 feet.... 10

2648 — Variegata. Long, narrow, green leaves, striped with white; fine feathery plumes; 6 feet.... 10

2656 Pennisetum Japonicum. One of the most valuable for beds or specimens. Easily grown from seed, making nice plants the first year; 4 feet.... 10

2658 Stipa Pennata (*Feather Grass*). Delicate white, feathery bloom; flowering the second season; 2 feet.... 15

2661 Uniola Latifolia (*Spike Grass*). A native variety, with graceful drooping panicles; 3 feet.... 10

2668 Collection of a packet each of above 6 Perennial sorts, 50 cts.

Marigolds and Zinnias, two of the most brilliant annuals, see pages 96, 116 and 118

NEW MINIATURE SUNFLOWERS

Helenium (Sneeze Wort)

Strong-growing hardy perennials, 3 to 5 feet, succeeding in any soil, and useful in the hardy border, giving an enormous crop of flowers in late summer. PER PKT.

2711 Autumnale Superbum. Golden-yellow flowers.....$0 10

2713 Riverton Gem. Flowers opening old gold changing as they mature to wallflower red..... 15

2714 Riverton Beauty. Rich lemon-yellow, with a large purplish-black cone..... 15

Helianthus, Annual Sunflowers

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. The annual sorts are indispensable for cutting. Sown on a sunny spot in April or May they come into bloom early in summer, and keep up a constant supply of flowers until cut down by frost.

2696 Cucumerifolius (*Miniature Sunflower*). Small, single, rich yellow flowers. An abundant bloomer; 4 feet. ¼ oz., 20 cts.....$0 10

2699 — Stella (*Improved Miniature Sunflower*). Differs from the type by its larger and better formed flowers of the purest golden-yellow, with black disc; 5 ft. ¼ oz., 20 cts.. 10

2700 — New Miniature Mixed. A multitude of new varieties have been raised from the popular Miniature Sunflower, which we offer in mixture. They all differ from the parent, most of them being larger, and many with curiously twisted petals. The prevailing colors are pale yellow, golden yellow and creamy white, some with black centres, and all beautiful; for cutting they are indispensable; 4 feet. (See cut.) ¼ oz., 20 cts..... 10

2702 Red Hybrids. The nearest approach to a real red yet introduced, the flowers vary in size and color, running through several shades of tawny yellow to rich brownish red. 4 to 6 feet. ¼ oz., 20 cts..... 10

2703 Double Chrysanthemum-flowered. Rich golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia; 7 feet. Per oz., 30 cts..... 10

2704 Globosus Fistulosus (*Globe or Dahlia Sunflower*). Flowers large, double, of a rich saffron color; 6 feet. Per oz., 30 cts..... 10

Hardy Perennial Sunflowers

PER PKT.

2710 Mixed. Contains the finest single-flowering hardy perennial sorts. Seed sown early will produce flowering plants the first year; as subjects for the hardy border as well as for cutting they are of great value.....$0 15

Helianthemum (Rock, or Sun Rose)

2717 Mutabile. Exceedingly pretty low growing, evergreen plants about 12 inches high, forming broad clumps, and which during their flowering season, June to July, are quite hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties..... 10

Heliopsis (Orange Sunflower)

2731 Pitcheriana. A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden-yellow color about 2 inches in diameter; of very thick texture and very graceful for cutting. ¼ oz., 25 cts..... 10

2732 Scabra Zinniaeflora. A new double flowering form bearing golden-yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border, it is one of the best perennial plants for cutting..... 15

GYPSOPHILA ELEGANS ALBA GRANDIFLORA (Offered on page 89)

Helichrysum (Straw Flower)

Monstrosum Fl. Pl. One of the best of "Everlastings." Exceedingly effective double flowers in rich glittering colors, making a fine display in beds or borders, but especially grown to dry and use in baskets and vases through the winter; when wanted for this purpose they should be cut with as long stems as possible, and when the blooms are about one-third open take off all foliage, tie in bunches and hang head downwards in some dark, dry place until cured; they succeed in any good garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals; 2½ feet. We offer the following choice colors: PER PKT.

2721 Buttercup. Rich buttercup yellow. ¼ oz., 30 cts. $0 10
2722 Fireball. Bright red. ¼ oz., 30 cts. 10
2723 Goldenball. Golden yellow. ¼ oz., 30 cts. 10
2724 Rose Carmine. Rich and glossy. ¼ oz., 30 cts. 10
2725 Silver Ball. Glistening white. ¼ oz., 30 cts. 10
2727 Salmon. Effective, rosy-salmon. ¼ oz., 30 cts. 10
2729 Collection. A packet each of the 6 colors, 50 cts.
2730 Mixed. All colors. ¼ oz., 25 cts.; oz., 75 cts. 10

Two New Helichrysums

These two beautiful and attractive colors were "Made in America" the product of one of the leading California hybridizers. Their bright but soft coloring are quite distinct from previous introductions and are particularly desirable for cutting for Winter Bouquets. PER PKT.

2726 Rose Queen. Very large flowers of a rich deep rose color. Per ¼ oz., 40 cts. $0 15
2728 Silvery Pink. A lovely soft tone of silvery cameo-pink. Per ¼ oz., 50 cts. 15

HELICHRYSUM ROSE QUEEN

Heuchera (Coral Bells or Alum Root)

2761 Sanguinea. One of the finest hardy perennials. The flowers are of a rich, bright coral-red color; the leaves light green and slightly hairy. Excellent for cutting; 30 inches. 25

Heliotrope (Cherry Pie)

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed started indoors in the spring will make fine plants for summer blooming. Can also be sown outdoors in May. 18 inches. PER PKT.

2737 Lemoine's Giant. Of robust growth and produces very large heads of flowers; mixed colors. ⅛ oz., 40 cts. $0 15
2736 Regal. A new variety with immense flower heads of the Giant type, but of dwarf, compact growth; all shades. 25
2740 Mixed. All colors of the regular type. ⅛ oz., 30 cts. 10
2738 Collection of a pkt. each of 6 distinct colors, 50 cts.

HELIOTROPE LEMOINE'S GIANT

Giant-flowering Hibiscus
(Marshmallow or Rosemallow)

A wonderfully improved form of our native Marshmallow or Rosemallow, in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The colorings comprise rich dark red, soft mallow-pink and pure white; the plants grow from 5 to 8 feet high and are very floriferous, blooming from early in July until late in autumn; and are perfectly hardy. The seed we offer has been saved from our own plants. We also offer strong two-year-old roots of these (see pages devoted to Hardy Plants).

2776 Dark-red $0 10
2777 Mallow Pink 10
2778 Pure White 10
2779 Collection of a packet each of the 3 colors, 25 cts.
2780 Mixed. All colors. ¼ oz., 25 cts. 10

Hibiscus (Marshmallow)

2773 Giant Yellow or Golden Bowl. Showy ornamental perennial plants for mixed beds or shrubbery borders. Flowers from 6 to 9 inches diameter; of a rich deep cream, with a velvety-maroon centre. 15

Honesty (Moonwort, Satin Flower)

2801 Lunaria biennis. Hardy biennials, but grown as annuals, admired for their silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance. 3 feet. ¼ oz., 30 cts. 10

HUNNEMANNIA

Hunnemannia

(Giant Yellow Tulip Poppy, Santa Barbara Poppy or Bush Eschscholtzia)

PER PKT.

2821 Fumariaefolia. This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. ¼ oz., 25 cts. $0 10

Iberis (Hardy Candytuft)

2824 Gibraltarica Hybrida. White shading to lilac... 10

2825 Sempervirens. A profuse, white-blooming hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc.; 1 foot..... 25

Ice Plant

2831 Mesembryanthemum Crystalinum. Dwarf-trailing annual plants; 8 inches. Flowers white, prized for its singular icy foliage. ¼ oz., 25 cts..... 10

Hollyhock

One of the most majestic of hardy plants, 5 to 7 feet high, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

Double Varieties

The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results.

	PER ¼ OZ.	PER PKT.
2782 Maroon	$0 50	$0 10
2783 Bright Rose	50	10
2784 Bright Red	50	10
2785 Salmon-rose	50	10
2786 White	50	10
2787 Yellow	50	10

2788 Collection of a packet each of the above 6 colors, 50 cts.

2790 Extra Choice Double Mixed. Per ¼ oz., 40 cts..... 10

2781 "Allegheny." Mammoth flowers, wonderfully formed of loosely arranged fringed petals. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. Per ¼ oz., 40 cts..... 10

2791 Newport Pink. One of our own introductions, and awarded a Certificate of Merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink, double variety, exquisite in shade, flowers very double. Per ¼ oz., 60 cts..... 15

2792 Pink Perfection. A very beautiful variety from England, of good strong vigorous growth and long spikes of double rosette blossoms of an attractive deep-rose or crimson-pink quite distinct from any other color. Per ¼ oz., 75 cts..... 15

Single Varieties

Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms.

2800 Mixed. Containing all colors from purest white, pink, rose and yellow to the deepest black-maroon. ¼ oz., 40 cts..... $0 10

NEWPORT PINK HOLLYHOCK

Novelties and Specialties in Flower Seeds are offered on pages 52 to 62

Impatiens (Sultan's or Zanzibar Balsam)

Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxy-looking flowers profusely and almost continuously. Do well out of doors during the summer in a semi-shady location. The young seedlings should be carefully handled as they are exceedingly brittle at the outset. 18 inches.

PER PKT.

2842 Sultani. Flowers of brilliant rosy-scarlet color.....$0 25

2845 Holstii Hybrids. Forms strong bushy plants, covered with attractive flowers; when grown as pot plants, they bloom the year round. Choice mixed, all colors..... 25

Ionopsidium Acaule (Diamond Flower)

2850 This is an old time favorite, again becoming popular for use on rockeries. It is a lovely miniature rapid growing plant, forming dense tufts of foliage covered with tiny pale lilac flowers; prefers a damp shady position. While it is a perennial, it is usually handled as an annual. 15 cts. per pkt.

Ipomoea

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors, or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

2853 Grandiflora (*Moon Flower*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. 30 cts. per ½ oz.; 50 cts. per oz.....$0 10

2158 Quamoclit Hybrida (*The Cardinal Climber*). See page 80..... 15

2854 Rubro Coerulea (*Heavenly Blue*). Immense flowers of bright sky blue; very beautiful. ¼ oz., 30 cts..... 15

Kochia, Improved Trichophylla

Imperial Japanese Ipomoeas

PER PKT.

2855 Setosa (*Brazilian Morning Glory*). Flowers of pleasing rose color, borne very freely in large clusters. As a quick growing vine it has no equal, covering an enormous space in a short time. Per oz., 30 cts..$0 10

2880 Mixed Imperial Japanese (*Emperor Morning Glories*). These are beyond question the handsomest of all Morning Glories. Of the easiest culture, can be sown in the open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, and even before flowering are decidedly interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size and their colorings beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. Oz., 30 cts..... 10

Iris (Flowering Flag)

2888 Germanica (*German Iris*). One of the most popular hardy spring flowering plants. Mixed colors. ¼ oz., 30 cts. 10

2890 Kaempferi (*Japanese Iris*). The seeds we offer have been saved from an unrivalled collection, and should produce only varieties of the highest merit. Blooms the second year from seed. ¼ oz., 30 cts. 10

Kochia (Standing Cypress, or Belvedere)

2911 Improved Trichophylla. An easily-grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry, by mid-summer it attains a height of about 3 feet, and late in the autumn the whole plant becomes a deep red; a splendid plant to divide the vegetable from the flower garden, or for forming a hedge for the summer for any purpose. (See cut.) ¼ oz., 20 cts.; oz., 50 cts..... 10

Do not fail to include Antirrhinums and Asters in your garden this season, see pages 52 and 53

Double Stock-Flowered Annual Larkspurs

This is one of the best-known of garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubbery border. They stand well when cut and a vase of one or mixed colors is indeed charming. 3 feet.

		PER ¼ OZ.	PER PKT.
2931	**Dark Blue**	$0 30	$0 10
2932	**Ageratum Blue**	30	10
2933	**Lustrous Carmine or Newport Pink**	30	10
2935	**Sky Blue**	30	10
2936	**Exquisite Pink Improved.** A charming soft pink, illustrated in colors on plate opposite page 56	50	15
2934	**Exquisite Rose.** Similar in every way to Exquisite Pink Improved, but of a rich deep rose color, a lovely shade	60	25
2937	**Pure White**	30	10
2938	**Collection.** A packet each of the above 7 colors, 75 cts.		
2940	**Finest Mixed.** All colors. ¼ oz., 25 cts.; oz., 75 cts		10
2922	**Emperor Pink Delight.** A new dwarf variety of a delicate rosy pink, very effective for bedding. ¼ oz., 40 cts		15

DOUBLE STOCK-FLOWERED LARKSPUR EXQUISITE

Lantana

2920 One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose and other colored flowers; 2 to 3 feet. Mixed colors. ¼ oz., 30 cts.. 10

Lathyrus (Everlasting or Hardy Sweet Pea)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting. 5 to 6 feet.

2954	**Latifolius "White Pearl."** The finest white	$0 15
2955	**— Pink Beauty.** Rosy pink	10
2956	**— Red**	10
2960	**— Mixed.** All colors. ¼ oz., 25 cts	10

Lavatera (Annual Mallow)

2976 **Splendens Sunset.** A very beautiful and showy annual, 3 to 4 feet high, with large blossoms of satiny rosy carmine. ¼ oz., 25 cts. 10

2977 **Splendens Rosea.** A very showy variety forming a shrub, 3 to 4 ft. high, covered during the summer with large rose-pink flowers. ¼ oz., 25 cts. 10

Lavender (Lavandula Vera)

PER PKT.

2971 Well-known, sweet-scented, hardy perennials; should be extensively grown in the mixed border; 1½ feet. ¼ oz., 25 cts. $0 10

LAVATERA

Leptosiphon

2980 **Hybridus.** A fine annual rock plant 3 inches high, forming dense cushions studded with dainty flowers ranging in color from yellow to rose-scarlet. ¼ oz., 25 cts. 10

Liatris (Blazing Star, or Gay Feather)

2982 Most showy and attractive hardy perennial native plants, with long spikes of purple and rosy-purple flowers from July to September; 3 to 4 feet. Mixed varieties 10

Linaria

2991 **Cymbalaria** (*Kenilworth Ivy, or Mother of Thousands*). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work 15

2992 **Maroccana Excelsior Hybrids.** A dainty easily grown annual bearing small spikes, like a miniature Snapdragon of brilliant colors including yellow, crimson, pink, purple, etc.; plant grows about 12 inches high and is a charming subject for the rockery or border. Per ¼ oz., 40 cts 15

For Hardy Larkspurs see Delphiniums page 83

LOBELIA CRYSTAL PALACE COMPACTA

Lychnis (Rose Campion, Jerusalem Cross)

Handsome hardy perennial plants of easy culture, for massing in beds and borders. PER PKT.

3063 Arkwrightii. A beautiful hybrid of L. Chalcedonica X. L. Haageana, producing an abundance of large brilliantly colored flowers ranging from crimson and scarlet to salmon and other shades. 1½ feet $0 25

3061 Chalcedonica. Fine scarlet flowers; 2 feet. ¼ oz., 30 cts 10

3062 Haageana. Brilliant orange, scarlet, crimson, etc.; in mixture; 1 foot 15

3068 Viscaria Splendens. Bright rose-red, very showy; 1 foot 10

Lythrum (Loose-strife)

3071 Roseum Superbum. A very pretty hardy perennial; grows about 3 feet high, and produces spikes of rosy flowers from July to September 10

Marvel of Peru, or Four O'Clocks (Mirabilis Jalapa)

3110 A well-known, handsome, free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 feet. Oz., 20 cts 5

Linum (Flax)

PER PKT.

3002 Grandiflorum Rubrum (*Scarlet Flax*). One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers; hardy annual; 15 inches. Oz., 25 cts $0 10

3003 Perenne. Bright blue flowers; hardy; 24 inches. ¼ oz., 30 cts 10

Lobelia

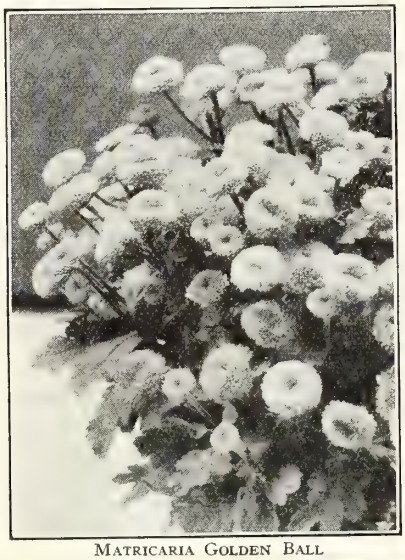
The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. Cardinalis is one of the finest hardy perennials. PER PKT.

3012 Crystal Palace Compacta. Rich deep blue; dark foliage; the finest dark blue for bedding; 4 inches. Per ⅛ oz., 50 cts $0 10

3013 Blue Emperor. A very compact variety; sky blue flowers; 4 inches .. 10

3016 White Gem. Forms a perfect ball of snow-white flowers 10

3022 Gracilis. Light blue, light green foliage; trailing; 9 inches 10



MATRICARIA GOLDEN BALL

Matricaria

3121 Capensis Alba Plena (*Double White Feverfew*). Free-flowering plants, producing all season fine double white flowers. A fine bedding or pot plant; 18 inches. ¼ oz., 25 cts. 10

3122 Golden Ball. Compact bushy plants, 8 inches high, covered with bright yellow densely double button-like blossoms 15

PER PKT.

3023 Speciosa. Ultramarine-blue; dark leaved; trailing; 9 inches $0 10

3024 Tenuior. Of upright habit; about 15 inches high, with very large flowers of rich cobalt blue with white eye 15

3030 Mixed Compacta Varieties. All colors; 4 inches. Per ⅛ oz., 40 cts. 10

3031 Cardinalis (*Cardinal Flower*). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet 25

Dreer's Lovely Lupinus (Lupine)

Annual Sorts. Free-flowering, easily-grown annuals, with long graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

	PER ½ OZ.	PER PKT.		PER ½ OZ.	PER PKT.
3044 Rich Blue	$0 20	$0 10	**3046 Rose**	$0 20	$0 10
3045 Sky Blue	20	10	**3047 White**	20	10

3049 Collection of a pkt. each of the 4 colors, 30 cts.

3050 Annual Mixed. All colors. Per oz., 25 cts 10

Polyphyllus Sorts. Effective hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet. We offer as under:

3052 Rose. ¼ oz., 40 cts $0 15

3053 White. ¼ oz., 25 cts 10

3054 Blue. ¼ oz., 25 cts 10

3055 Moerheimi. Rose and pink. ¼ oz., 50 cts 15

3058 Mixed. All colors. Oz., 25 cts 10

3059 Collection of a pkt. each of the 4 sorts, 40 cts.

3060 New Regal Hybrids Mixed. Contains a number of new and unusual colors. ¼ oz., 50 cts 25

LUPINUS (Lupine)

For the Newer Sweet Peas, see Novelties and Specialties, pages 52 to 62

ORANGE PRINCE AND LEMON QUEEN, AFRICAN MARIGOLDS

MARIGOLDS

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective and are well adapted for large beds or mixed borders; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts, in combination with a few blue Larkspurs or Cornflowers, is very striking. (*See also Calendulas and Tagetes.*)

Double African Marigolds

Splendid for beds or borders; the tall varieties grow about 3 feet high, the dwarf sorts 18 to 24 inches.

PER PKT.

3084 Orange Prince. Large, perfect double quilled flowers of a rich deep golden-orange color; the finest of all and very showy. (See cut.) Per ¼ oz., 50 cts.; oz., $1.50.... $0 15

3085 Lemon Queen. A counterpart of Orange Prince except in color, which is a soft lemon-yellow. (See cut.) Per ¼ oz., 50 cts.; oz., $1.50..... 15

3081 El Dorado. Large double imbricated flowers in all shades of yellow; 3 feet. Per ¼ oz., 40 cts..... 10

3083 Pride of the Garden. A dwarf growing double quilled golden yellow. Per ¼ oz., 40 cts..... 10

3086 Dwarf Citron. Double quilled light citron yellow flowers; 18 inches. Per ¼ oz., 40 cts..... 10

3087 Dwarf Orange. Double quilled deep orange yellow flowers, dwarf habit. Per ¼ oz., 40 cts..... 10

3088 Collection. Containing a packet each of the above 6 varieties, 50 cts.

3090 Double Mixed. African varieties containing all of the colors; 2 to 3 feet. Per ¼ oz., 25 cts..... 10

Dwarf Single French Marigold

3102 Legion of Honor (*Little Brownie*). A single-flowering Marigold, forming compact bushes 9 inches high. Begins flowering early, commencing in June, continuing until frost. The flowers are golden yellow, marked with a large spot of velvety crimson at the base of each petal. (See cut.) ¼ oz., 25 cts..... 10

Dwarf Double French Marigolds

Few annuals are as effective as the French Marigolds or flower for so long a period; they all form dense bushes not over 12 inches high, and are unequalled for borders or beds.

3091 Gold Striped. Very double golden-yellow, each petal striped with rich mahogany-red.

3092 Gold Edged Brown. Bright golden-yellow centre, outer or guard petals rich velvety morocco-red.

3093 Golden Ball. A splendid pure golden yellow, flowers of good size and makes a very effective golden line or bed.

3094 Lemon Ball. Similar to the above except in color, which is a bright lemon-yellow.

3095 Mahogany. Rich velvety morocco or mahogany-brown

3096 Spotted. Edge of petals lively orange with a bright morocco-red spot at the base.

Price. Any of the above 10 cts. per pkt.; 40 cts. per ¼ oz.

3098 Collection of a packet each of the above 6 varieties, 50 cts.

3099 Collection of ¼ oz. each of the above 6 varieties, $2.00.

3100 French Mixed. A splendid mixture saved from fine double flowers; all colors. 25 cts. per ¼ oz.; 75 cts. per oz.; per pkt., 10 cts.

SINGLE FRENCH MARIGOLD LEGION OF HONOR

Zinnias are good companions for Marigolds, see page 62, also 116 and 118

Matthiola

PER PKT.

3125 Bicornis (*Evening Scented Stock*). This old-fashioned annual has no beauty to recommend it, the flowers being a dull, purplish-lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening; 18 inches. ¼ oz., 20 cts. $0 10

Maurandia

3130 Barclayana. Beautiful, rapid, slender-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house, take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet; mixed colors, including purple, blue, white and rose 15

Mesembryanthemum

3140 Tricolor. A lovely little annual; splendid for the rockery, sunny banks, etc., with daisy-like flowers of crimson, pink and white. ¼ oz., 40 cts. 10

Mignonette (Reseda)

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring flowering. 12 to 18 inches.

PER PKT.

3152 Defiance. When grown under favorable conditions spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities, retaining their grace and fragrance until every bud opens. ¼ oz., 25 cts. $0 10

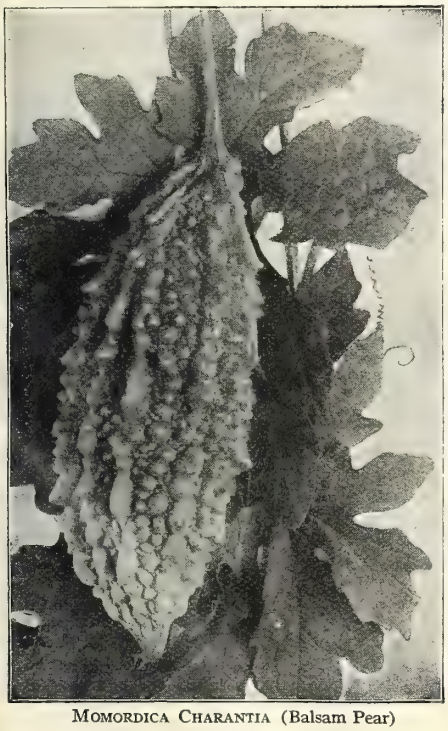
3154 Red Goliath. Of strong, yet compact habit, with rich green foliage; the giant trusses of flowers being borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture. (See cut.) ¼ oz., 50 cts. 15

Red Goliath Mignonette

3158 Machet. Of dwarf pyramidal growth, bearing numerous flower stalks, highly colored and very fragrant; one of the best. ¼ oz., 25 cts. $0 10

PER PKT.

3162 Salmon Queen. Strong, robust habit, with fine spikes of bright salmon-red flowers, intensely fragrant; fine for outdoor culture. ¼ oz., 25 cts. $0 10



Momordica Charantia (Balsam Pear)

3164 White Goliath. This splendid white variety has the same massive spikes of bloom as the red sort. ¼ oz., 50 cts. 15

3163 Sweet-scented. (*Reseda Odorata*). The old variety with small spikes, but very sweetly scented. Per oz., 20 cts. 5

3169 Collection of above 6 varieties of Mignonette 50

Mimosa

(Sensitive or Humble Plant)

3181 Pudica. Curious and interesting annuals; with pinkish-white flowers; the leaves close and droop when touched or shaken; 1½ feet .. 10

Mimulus

Showy, profuse flowering plants; fine for greenhouse or moist shady situations; half-hardy perennials, blooming the first year from seed if sown early; 1 foot.

3191 Moschatus (*Musk Plant*). Fine for hanging baskets, etc.; small yellow flowers, musk scented foliage $0 15

3192 Tigrinus (*Monkey Flower*). Fine mixed spotted varieties 10

Momordica

Very curious climbing vine, with ornamental foliage, fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior; fine for trellises, rockwork, stumps, etc.; annual; 10 feet.

3211 Balsamina (*Balsam Apple*). Round apple-shaped fruit, very fine glossy green foliage. This is the prettiest climber of the two $0 10

3212 Charantia (*Balsam Pear*). Pear-shaped fruit; foliage heavier than the above; the fruits of this variety are used medicinally 10

Asters are one of our leading Specialties. See pages 68 to 71

NIGELLA MISS JEKYLL

Musa Ensete (Abyssinian Banana)

3221 A splendid plant for the open air in the summer, producing a most striking effect when planted singly or in groups. In our hot summer it luxuriates when freely supplied with manure and water. The seeds germinate easily if started in hotbed or bottom heat in greenhouse. 15 cts. per pkt. of 5 seeds; 25 seeds for 50 cts.

Nemesia

PER PKT.

3401 Dwarf Large-flowering Hybrids. A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. $0 15

Nicotiana

3411 Affinis (*Tuberose-flowered Tobacco*). Delightfully sweet-scented pure white, tubular flowers, blooming continually; annuals; 2 to 3 feet. ¼ oz., 25 cts. 10

3412 Affinis Hybrids. Similar to Affinis but with larger flowers in a great variety of colors. A very satisfactory and easily grown plant. Blooms all summer. 2 to 3 feet. ¼ oz., 30 cts. 10

3413 Sylvestris. Plants of pyramidal growth; 4 feet high, with fine deep green foliage; pure white, fragrant, drooping flowers, borne in loose heads. A most effective plant either used in conjunction with other plants in beds or as single specimens 10

NEMESIA

Myosotis
(Forget-Me-Not)

Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. The Alpestris varieties and Dissitiflora come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The Palustris sorts do not bloom till May, but continue till fall. 9 to 12 inches.

PER PKT.

3231 Alpestris Royal Blue. Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches. ¼ oz., 50 cts. $0 15

3233 — Robusta Grandiflora. Of strong, sturdy growth, about 10 inches high, with good heads of clear Forget-Me-Not blue flowers. ¼ oz., 50 cts. 15

3235 — Victoria. A favorite sort, with fine heads of large, clear, azure-blue flowers; plants bushy and compact; makes a fine edging or bed. ¼ oz., 50 cts. 15

3239 — Mixed. A mixture of blue, rose and white-flowered varieties. Per ¼ oz., 40 cts. 10

3236 Dissitiflora. Of dwarf, compact habit, with sprays of large, exquisite blue flowers, especially adapted for planting among spring-flowering bulbs. 15

3238 Palustris Semperflorens. An everblooming variety, beginning to flower in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. ¼ oz., 60 cts. 15

NICOTIANA AFFINIS

Our List of Sweet Peas contains nothing but the very finest varieties. See pages 57, 58 and 112

DREER'S SUPERB NASTURTIUMS

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. The varieties offered below were selected, after exhaustive trials, from a very large number of sorts as being the best and most distinct.

Tom Thumb, Dwarf or Bedding Varieties

3336 Chameleon. Various colors on one plant.
3338 Crystal Palace Gem. Yellow, maroon blotches.
3341 Empress of India. Fiery crimson, dark foliage.
3343 Golden King. Rich golden yellow.
3346 King Theodore. Deep crimson maroon, dark foliage.
3347 King of Tom Thumbs. Dark scarlet, dark leaves.
3353 Pearl or Moonlight. Creamy white.
3361 Rose. Soft carmine rose.
3365 Spotted King or Ladybird. Gold, spotted garnet.
3367 Vesuvius or Salmon Queen. Salmony rose, dark foliage.

Price. Any of the above Dwarf sorts, 5 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.

3379 Dreer's Collection of a liberal packet each of the 10 above dwarf varieties. 40 cts.

3369 Dreer's Collection of 1 oz. each of the 10 above dwarf varieties. $1.75.

3370 Finest Mixed. Tom Thumb varieties. Per pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Tall or Climbing Varieties (Tropaeolum Majus)

Elegant and luxurious climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 10 feet.

3287 King Theodore. Deep crimson maroon; dark foliage.
3294 Orange or Sunlight. Pure orange, no markings.
3296 Pearl or Moonlight. Creamy white.
3302 Schulzi. Rich deep scarlet.
3306 Spotted or Gold Garnet. Rich yellow, spotted garnet.
3307 Vesuvius or Salmon Queen. Salmony rose; exquisite.
Price. Any of the above Tall sorts, 5 cts. per pkt.; 20 cts. per oz.; 60 cts. per ¼ lb.
3329 Dreer's Collection of a packet each of above 6 climbing sorts, 25 cts.
3319 Dreer's Collection of 1 oz. each of above 6 climbing sorts, $1.00.
3320 Finest Mixed. Tall or climbing varieties. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

Lobb's Climbing Nasturtiums
(Tropaeolum Lobbianum)

These are shorter jointed than the tall Nasturtiums, flower even freer, grow to the same height and are very desirable. They are especially rich in red shades.

3244 Brilliant. Geranium scarlet. Fine.
3247 Firefly. Deep cadmium yellow, spotted cardinal red.
3251 Giant of Battles. Sulphur-yellow, blotched red.
3252 Golden Queen. Pure golden-orange.
3255 Roi des Noirs (*King of the Blacks*). Deep velvety garnet; very rich, dark foliage.
3256 Rose Queen. Fine carmine rose.
Price. Any of the above, 5 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.
3259 Collection of a packet each of above 6 varieties, 25 cts.
3258 Collection of 1 oz. each of above 6 varieties, $1.00.
3260 Finest Mixed. Lobb's, 5 cts. per pkt.; 15 cts. per oz.; 50 cts. per ¼ lb.; $1.50 per lb.

Nigella (Love in a Mist, or Devil in the Bush)

3430 Damascena. A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seedpods, of easy culture; growing in any garden soil; hardy annuals; blue and white mixed; 18 inches. Oz., 25 cts. $0 10

3431 Miss Jekyll. A lovely variety, with cornflower-blue blossoms; splendid for cutting. 18 inches. ½ oz., 25 cts.; oz., 40 cts. 10

Passiflora (Passion Flower)

3440 Coerulea. The beautiful blue Passion Flower, one of the loveliest climbers, it is hardy south of Washington, in the north it should be Wintered in a well protected cold frame or cool greenhouse and planted out when the weather gets warm. Easily grown from seed 15

Dreer's Superb Nasturtiums

Our mixtures of Nasturtiums are made up out of the best named sorts, insuring the largest range of colors

Dreer's Perfect Pansies

Pansies are too well known to require any description, as they are favorites with all. For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders, which accounts for the difference in the price of the various mixtures offered.

Pansy seed germinates and the plants grow more freely in the cool, early days of spring, and for summer-blooming should be sown by the latter part of April, or early in May, in the vicinity of Philadelphia. A soil containing a proportion of leaf mould, well enriched with well-decayed cow manure, will be the most satisfactory for the growing of this flower, and it should be well dug and made fine and level.

Sow the seed in drills, covering them not more than four times their diameter and firming the soil well above them. The seeds germinate in from eight to twelve days, and should not be allowed to dry out during this period. Covering the seed bed with newspapers will prevent this and hasten somewhat the period of germination.

As soon as the plants are up and large enough to handle, they should be thinned out or transplanted to stand nine inches apart in the rows. Thorough cultivation should be given from the start, as Pansies will not thrive when obliged to share the beds with a mass of weeds.

It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure, where the wind has a free sweep over the bed is far better, and Pansies so planted are free from the long, straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily.

Royal Exhibition Pansy

PANSIES IN MIXTURE

PER PKT.

3510 Dreer's Royal Exhibition. This is our finest mixture, both as regards size, texture and colorings. Special packets of 2000 seeds, $1.50; regular packet..$0 50

3514 Dreer's Premium. This mixture comprises a large number of colorings, and is intended to supply the want of a first-class mixture at a moderate price. ⅛ oz., $1.00. 25

3516 Masterpiece (*Frilled Pansy*). Petals conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. ⅛ oz., $1.00 25

3500 Giant Trimardeau. All colors. Per ¼ oz., 50 cts... 10

PER PKT.

3512 Cassier's Giant. A grand mixture of the finest blotched varieties; splendid in every way, being large in size and rich in coloring. ⅛ oz., 75 cts.....$0 25

3517 Mme. Perret. A beautiful strain, which originated with a French specialist; flowers of large size, borne very freely in great diversity of colors, especially rich in red and wine shades. ⅛ oz., 75 cts..... 25

3513 Giant Parisian. Of very large size and containing a great many fancy colors. ⅛ oz., 60 cts..... 15

3515 English Finest Mixed. ¼ oz., 50 cts..... 10

3520 Good Mixed. All colors. ¼ oz., 40 cts..... 10

GIANT TRIMARDEAU PANSIES

We have discarded the ordinary Pansies in separate colors in favor of this type, which produces very large flowers, plants of strong robust growth, and well adapted to the trying conditions of our climate.

PER PKT.

3481 Giant Adonis. Lavender blue.....$0 10

3482 Giant Cardinal. Rich red..... 10

3488 Giant Golden Queen. Pure, rich yellow..... 10

3493 Giant Royal Blue. Rich, royal blue..... 10

PER PKT.

3491 Giant Lord Beaconsfield. Deep purple violet, shading to white.....$0 10

3496 Giant Snow Queen. Pure snow white..... 10

3497 Giant White. Pure white, with purple eye..... 10

3498 Giant Yellow. Rich yellow, with dark centre..... 10

3499 Collection containing a packet each of above 8 sorts, 60 cts.

TUFTED PANSIES, OR VIOLAS

While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to pansies where effect is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produce flowering plants by June, and from then on until frost they are a sheet of bloom; 8 inches.

PER PKT.

4401 Papilio (*Butterfly Violet*). Lovely violet-lilac.....$0 15

4402 Lutea Splendens. Rich golden yellow..... 15

4403 Blue Perfection. Deep purplish blue..... 15

PER PKT.

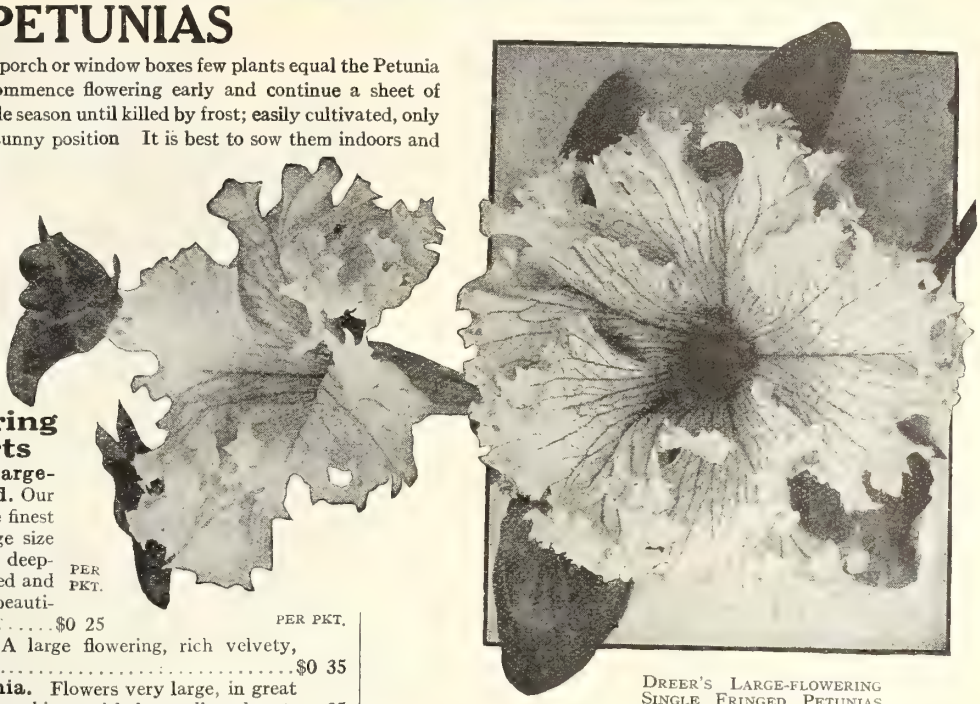
4405 White Perfection. A fine pure white.....$0 15

4410 Mixed. A splendid mixture of the best varieties. ¼ oz., 75 cts..... 10

The Orchid-flowered Sweet Peas offered with other Specialties on pages 52 to 62 are up to date in every way

PETUNIAS

For outdoor decoration, porch or window boxes few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a good soil and sunny position It is best to sow them indoors and transplant to the open in May. The single bedding kinds can be sown out of doors in May. We have long been celebrated for our magnificent strains of both the large-flowering single and double fringed varieties.



DREER'S LARGE-FLOWERING SINGLE FRINGED PETUNIAS

Large-flowering Single Sorts

PER PKT.

3580 Dreer's Superb Large-flowering Fringed. Our own saving from the finest flowers; of very large size and beautiful shape; deep-throated and of varied and brilliant colors, and beautifully fringed. $0 25

PER PKT.

3575 Purple Prince. A large flowering, rich velvety, purple violet variety..... $0 35

3576 Giant of California. Flowers very large, in great variety of colors and markings, with deep yellow throats 35

3577 Ruffled Giant. Flowers of extraordinary size and substance, and distinguished from the large-flowering fringed section by the deep fluting, giving it the appearance as if artificially ruffled..... 35

3578 Fringed Ruffled Giant. This differs from the preceding in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower..... 50

Large-flowering Double Sorts

In growing Double Petunias from seed the weaker seedlings should be carefully saved, as these usually produce the finest double flowers.

3590 Dreer's Superb Double Fringed. Saved from our own unrivalled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors. Per 500 seeds, $1.25..... $0 50

3587 Double Large-flowering. Beautiful varieties in mixture. Per 500 seeds, $1.00..... 35

Balcony Petunias

A splendid large and free flowering type either for window boxes, vases, hanging baskets, etc., the flowers average 3 inches across and make a very effective display over a long season. PER PKT.

3555 Balcony Blue. Velvety indigo blue..... $0 20

3556 Balcony Rose. Brilliant rose-pink; very effective.. 20

3557 Balcony White. The pure white form..... 20

3558 Balcony Crimson. Rich velvety crimson..... 20

3559 A packet each of the above 4 Balcony Petunias for 60 cts.

3560 Balcony Mixed. Containing all colors..... 15

Single Bedding Petunias

All of the following are wonderfully effective in beds, borders, window boxes, etc. 12 to 18 inches.

3561 General Dodds. Rich crimson garnet.

3562 Howard's Star. Rosy-crimson with a clearly defined five-pointed star of blush-white.

3563 Rose of Heaven. A very effective rich and brilliant rose colored variety.

3564 Rosy Morn. Soft rose-pink with white throat; very dainty.

3565 Snowball. Pure satiny white.

3566 Violet Queen. Rich velvety violet blue.

Price. Any of the above, 15 cts. per pkt.; 50 cts. per ⅛ oz.

3568 Collection of a pkt. each of above 6 Bedding Petunias..... $0 60

3569 Collection of ⅛ oz. each of above 6 Bedding Petunias..... 2 50

3567 Striped and Blotched. A good strain of the small-flowering type; beautifully striped and blotched flowers; fine for massing; ¼ oz., 50 cts..... 10

3570 Fine Mixed. Good bright colors. ¼ oz., 40 cts..... 10

BEDDING PETUNIA, ROSY MORN

PHLOX DRUMMONDI

The annual Phlox is a native of Texas, and is known as "Texan Pride." It occupies a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost. They may be used in a variety of ways, such as a carpet to beds of Roses, in boxes, vases, etc.; but it is when grown in masses, in beds or borders, that they show to best advantage.

DREER'S SELECT LARGE-FLOWERING PHLOX DRUMMONDI

Select Large-flowering Sorts

(Phlox Drummondi Grandiflora)

This is the finest type, having the largest heads of blooms as well as the largest individual flowers, of strong, sturdy growth, attaining a height of 12 to 15 inches.

		PER ¼ OZ.	PER PKT.
3601	**Snow White**	$0 50	$0 10
3602	**Shell Pink**	50	10
3603	**Deep Rose**	50	10
3604	**Bright Scarlet**	50	10
3605	**Rich Crimson**	50	10
3606	**Primrose**	50	10
3607	**Soft Lilac**	50	10

3619 **Collection** of pkt. each of the above 7 colors for 50 cts.

3620 **Choicest Mixed, Large-flowering.** Contains all of the colors noted above as well as a great many others and makes a very showy bed or border. ¼ oz., 40 cts.; oz., $1.25 ..... $0 10

PENTSTEMON GLOXINIOIDES SENSATION

Star Phlox (P. Cuspidata)

PER PKT.

3640 Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors; 1 foot. ¼ oz., 40 cts.. $0 10

Hardy Perennial Phlox (P. Decussata)

3641 Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondi offered above, which are annuals. The seed we send out has been saved from our own unrivalled collection, and is supplied in mixture only. 75 cts. per ¼ oz. 15

Pentstemon (Beard Tongue)

Highly useful and attractive perennials in the hardy border.

3532 **Gloxinioides "Sensation."** As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 30 inches high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. ⅛ oz., 50 cts 15

3533 **Barbatus Torreyii.** Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet 10

3540 **Grandiflora Mixed.** A splendid mixture of free flowering sorts in a good range of colors 10

Physostegia (False Dragon Head)

3651 **Virginica.** One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. ¼ oz., 50 cts 15

3652 — **Alba.** A pretty white-flowered form of the above. 15

Books on Horticulture

We offer on the inside of the back cover of this catalogue a very complete line of the best and most helpful books on horticultural and kindred subjects.

Do not fail to try a collection of our Famous American Asters. See Specialties, pages 52 to 62

PHYSALIS FRANCHETI (Chinese Lantern Plant)

Platycodon

(Balloon Flower, or Japanese Bellflower)

One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. (See cut.) PER PKT.

3663 Grandiflorum. Large steel blue flowers. ¼ oz., 50 cts. $0 10

3664 — Album. Pure white variety. ¼ oz., 50 cts. 10

3662 Mariesi. Large, open, bell-shaped flowers of a rich violet-blue; plant dwarf and compact. ¼ oz., 75 cts. 15

Potentilla (Cinquifoil)

Charming hardy perennial plants for the border, with brilliant single or double flowers, mostly in orange, red and crimson tones, that are produced in profusion from June to August; succeeds in any soil; 18 inches.

3775 Double Hybrids. All colors. $0 25

3776 Single Hybrids. Many colors. 15

Physalis

(Chinese Lantern Plant)

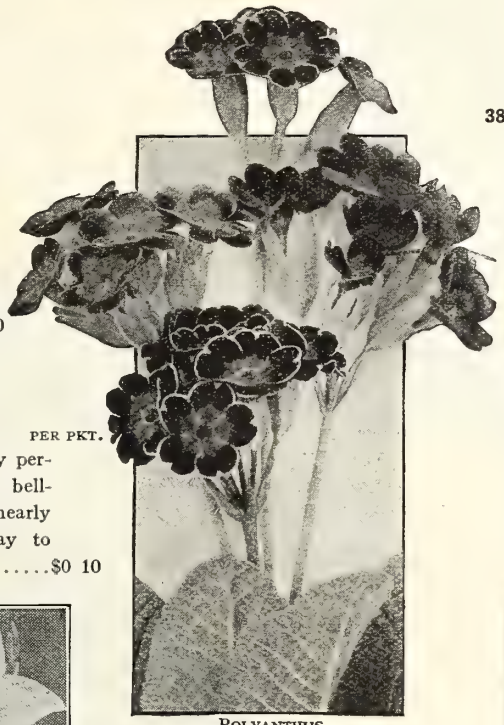
3646 Francheti. An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits, which can be cut and dried for winter bouquets; highly interesting; per pkt. $0 10

Polemonium

(Jacob's Ladder)

PER PKT.

3671 Coeruleum. Popular hardy perennial border plant, with bell-shaped bluish-purple flowers nearly 1 inch across; 2 feet. May to July. $0 10

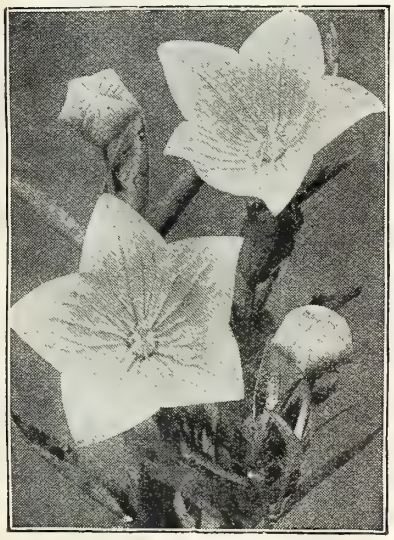


POLYANTHUS

Pueraria

(Japanese Kudzu Vine)

3835 Thunbergiana. To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large, and covers well; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc. ¼ oz., 20 cts. ... 10



PLATYCODON GRANDIFLORUM

Polyanthus

(Primula Elatior)

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 12 inches. PER PKT.

3677 Invincible Giant. Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. $0 25

3680 English Mixed. A fine grade; all colors. 15

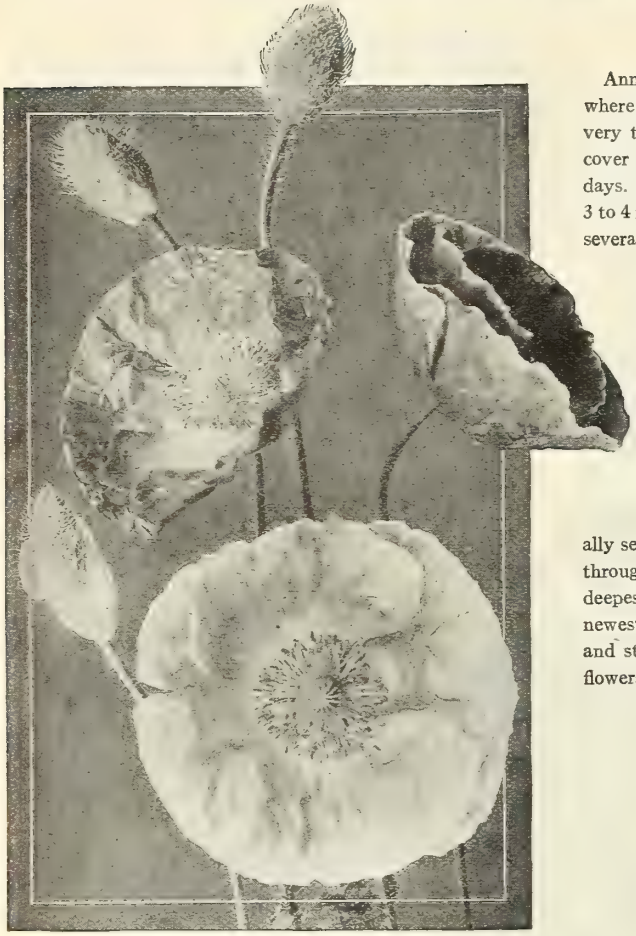
POLEMONIUM

Every flower garden should include the Shirley Poppies. See page 104

POPPIES

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom.

If picked just before expanding the flowers will last several days. It is also advisable to pick the old flowers as soon as fallen, which will lengthen the blooming season quite a while.



DREER'S SELECT SHIRLEY POPPIES

Single Annual Poppies

PER PKT.

3696 Dreer's Select Shirley. This is an unusually choice strain of these charming Poppies, and is, we feel sure, better than any heretofore sent out. The artistic flowers are mostly single, but occasionally semi-double, and range in color from the purest snow-white through all the delicate tints of pink, rose and carmine to the deepest crimson and blood-red, with a liberal sprinkling of the newest salmony shades, while many flowers are daintily edged and striped; in fact, so varied are they that scarcely any two flowers are exactly alike. 30 inches. ¼ oz., 25 cts.; oz., 75 cts. . $0 10

PER PKT.

3684 American Legion. A greatly improved English Scarlet or Flanders Poppy with very large flowers of dazzling orange scarlet; 2 feet. 30 cts. per ¼ oz. $0 10

3686 Charles Darwin. Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich dark purple; with a velvety black spot at the base of each petal. A dense wreath of white anthers produces a fine contrast with the extraordinary color of the flower; 3 feet. ¼ oz., 20 cts. 10

3687 Dainty Lady. Immense flowers 4 to 5 inches across, of a charming mode shade of rosy mauve, with a large dark metallic blotch at the base of each petal; 3 feet. ¼ oz., 20 cts. 10

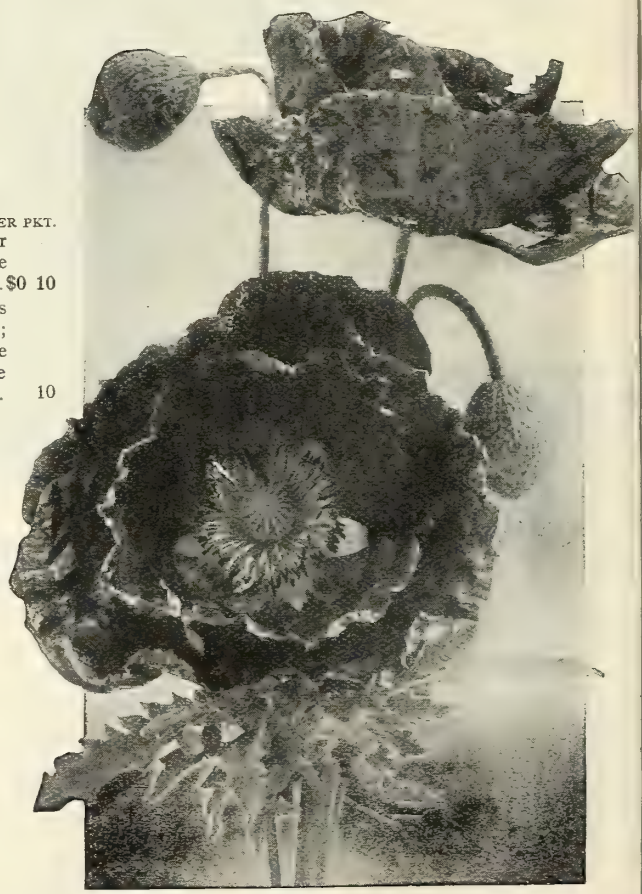
3688 Danebrog, or Danish Cross. Very showy variety, producing large flowers of brilliant scarlet, with a silvery white spot on each petal, forming a white cross; 3 feet. ¼ oz., 20 cts. 10

3693 King Edward. A variety of gorgeous coloring, being a deep scarlet, shaded crimson-red, each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. The plant grows 3 feet high, and produces its very large flowers with great freedom. ¼ oz., 20 cts. 10

3695 Shirley Wild-Rose Pink. This beautiful variety is a selection out of the Shirley Poppy, and which comes almost one hundred per cent true from seed; in color a uniform bright but soft Wild Rose pink, a color that appeals to everyone and which makes a charming bed, and of special value for cutting; 2 feet. ¼ oz., 30 cts.; oz., $1.00 10

3699 Collection of a packet each of the above 6 single varieties 40

3700 Single Mixed. Annual sorts. Oz., 25 cts. 5



AMERICAN LEGION POPPY

Poppies are continued on pages 105 and 106

DOUBLE ANNUAL POPPIES

The same culture as given at the top of the preceding page should be followed in the case of the double-flowering annual sorts. They make a gorgeous showing during their flowering period, and are largely used for beds and borders.

PER PKT.

3711 American Flag. Beautiful variety; flowers very large and double, snow white, bordered with scarlet; 3 feet. Per oz., 30 cts. $0 10

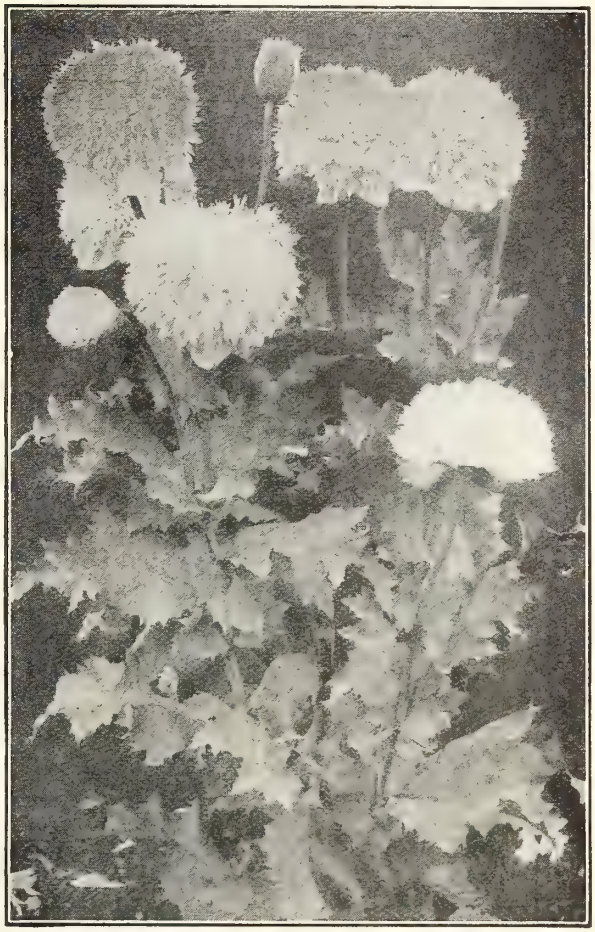
3712 Fairy Blush. Very double flowers of pure white, elegantly fringed and tipped with rose; 30 inches. Per oz., 30 cts. 10

3713 Double Shirley. A very pretty strain with double flowers in the same wonderful range of colors as the single Shirley; 30 inches. Per ¼ oz., 20 cts. 10

3714 "Mikado" (*The Striped Japanese Poppy*). This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum; 30 inches. Per oz., 30 cts. 10

3715 White Swan. Immense double flowers, beautifully fringed and of purest white, of the same dwarf habit as Cardinal and Shell-pink; 30 inches. Per oz., 30 cts. 10

3716 Cardinal. A splendid dwarf variety of the carnation-flowered type, growing about 30 inches high and bearing large globular, fringed flowers of an intense cardinal red. Per oz., 30 cts. 10



DOUBLE CARNATION-FLOWERED POPPIES. SHELL-PINK

PER PKT.

3717 Shell-pink. Similar in every way to Cardinal and White Swan, except color, which is a soft sea-shell or chamois-pink. Very dainty; 30 inches. (See cut.) Per oz., 30 cts. $0 10

3720 Carnation Flowered. Splendid double-fringed flowers; mixed colors; 3 feet. Per oz., 25 cts. 5

3730 Peony Flowered. Large, showy, double globular flowers, resembling a double Peony; mixed colors; 3 feet. Per oz., 25 cts. 5

3719 Collection of 6 distinct colors. Double Carnation flowered. 30

3720 Collection of 6 distinct colors. Double Peony flowered. 30

DOUBLE SHIRLEY POPPIES

Iceland Poppies (Papaver Nudicaule)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful neat habit, with bright green fern-like foliage, formed in tufts, from which issues slender stalks about 15 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

PER PKT.

3733 Bright Yellow $0 10

3734 Pure White 10

3736 Orange Scarlet 10

3740 Finest Mixed. All colors. ¼ oz., 50 cts. 10

3738 New Hybrid Iceland. The latest development in this lovely species, varying in color from sulphur yellow through different shades of orange to chamois and salmony-rose, some of which are very striking 25

The Hardy Perennial Large Oriental Poppies are offered on next page

ORIENTAL POPPY

Hardy Perennial Oriental Poppies

Oriental Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

PER PKT.

3741 Orientale (*The Large Oriental Poppy*). A charming summer-flowering hardy plant, producing numerous leafy stems about 3 feet high, with large orange scarlet flowers; having a conspicuous black blotch on each petal, exceedingly showy. ¼ oz., 40 cts. $0 10

3743 — Oriflamme. A gorgeous orange-scarlet; very large..... 15

3744 — Princess Victoria. A beautiful salmony-pink..... 15

3750 Oriental Mixed Hybrids. Saved from a large number of named sorts, embracing all of the colors. ¼ oz., 50 cts... 15

Iceland Poppies

This charming class of hardy Poppies is offered on preceding page.

Portulaca
(Sun Plant)

One of our showiest annual plants, of easy culture, thriving best in light loam or sandy soil and exposed sunny situation; the flowers are of the richest colors. Fine for massing in beds, edgings or rock-work, and frequently used to sow broadcast over sunny banks, etc. Seed should not be sown until the weather is fairly warm and it is well to mix the seed with three or four times its bulk of dry sand or soil, which permits an even and easy distribution of the seed; 6 inches.

SINGLE PORTULACAS

PER PKT.

3770 Single Mixed. A fine mixture of all colors. Per ¼ oz., 25 cts.; oz., 75 cts. $0 10

3760 Double Mixed. A good percentage of the flowers will come perfectly double, of the most brilliant colors. Any singles, which usually come into bloom first, can be pulled out and a cutting from a double flowering plant put in to fill the space. ¼ oz., 75 cts.; oz., $2.50..... 10

Pyrethrum

P. aureum is the well-known Golden Feather so much used for edging, carpet bedding, etc., while the others are most attractive hardy plants.

3841 Aureum (*Golden Feather*). Yellow foliage; 1 foot. Per ¼ oz., 25 cts..... 10

3846 Hybridum, Single Mixed. Hardy perennial, bearing large daisy-like flowers, ranging in color from white to deep red, with bright yellow centres; blooms in May and June, and again in the fall; and is one of the most graceful and long-lasting cut flowers; 2 feet. (See cut on page 107.) Per ¼ oz., 75 cts..... 10

3847 Hybridum Grandiflorum. A large flowering form of the above; mixed colors; 2 feet. ¼ oz., $1.00..... 15

3845 Hybridum Fl. Pl. Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; mixed colors; 2 feet..... 25

DOUBLE PORTULACAS

For Novelties and Specialties, see pages 52 to 62

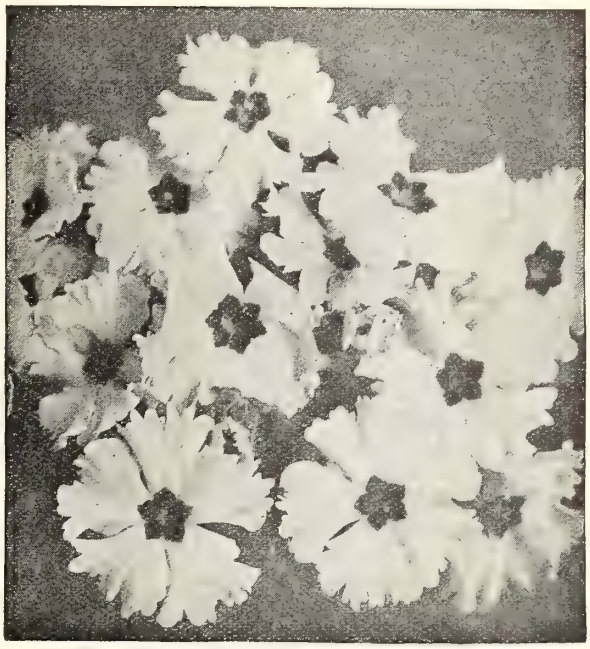
Primula (Primrose)

The charming and beautiful Chinese Fringed Primrose and Obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains. Florists and others report that they have never seen finer flowers than those produced from our seed. Sow in March, April or May.

Dreer's "Peerless" Chinese Primroses

An extra choice free-flowering strain, flowers of largest size and beautifully fringed. PER PKT.

3785 Peerless White. Pure white $0 35
3787 — Pink. Soft pink 35
3783 — Scarlet. Rich scarlet 35
3786 — Crimson. Rich luminous crimson 35
3789 Collection of a packet each of the above 4 sorts for $1.00.
3790 Peerless Mixed. This mixture contains nothing but the finest fringed large-flowering sorts, and cannot fail to give entire satisfaction 25
3791 Giant Flowering. This magnificent strain is quite distinct, being of more robust growth and producing immense trusses of extra large, finely fringed flowers in many new and novel colors; as a pot plant for the house or conservatory this is unequalled 35



Dreer's "Peerless" Chinese Primroses

Primula Obconica

These are of the easiest culture in greenhouse or light window of dwelling house, flowering abundantly and continuously with little care, and should be sown during the spring in good porous loam. They will not germinate well in any compost containing peat or leaf mould. To develop the colors to the highest degree, grow in heavy soil, and at a temperature as near 60 degrees as possible. The Grandiflora varieties are the freest flowering, but lack the very large individual blooms of the newer Gigantea type.

PER PKT.

3811 Obconica Gigantea Kermesina. Rich crimson $0 25
3812 — — Rosea. Pure rose color 25
3815 — — Mixed. All colors 20
3816 — Grandiflora Alba. Pure white 20
3817 — — Kermesina. Bright crimson 20
3818 — — Rosea. Beautiful clear rose 20
3819 — — Appleblossom. Soft pink 20
3820 — — Mixed. All colors 15

Primula Malacoides
(Improved Baby Primroses)

Various Primroses

3824 Kewensis. This variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant; 1 foot $0 25

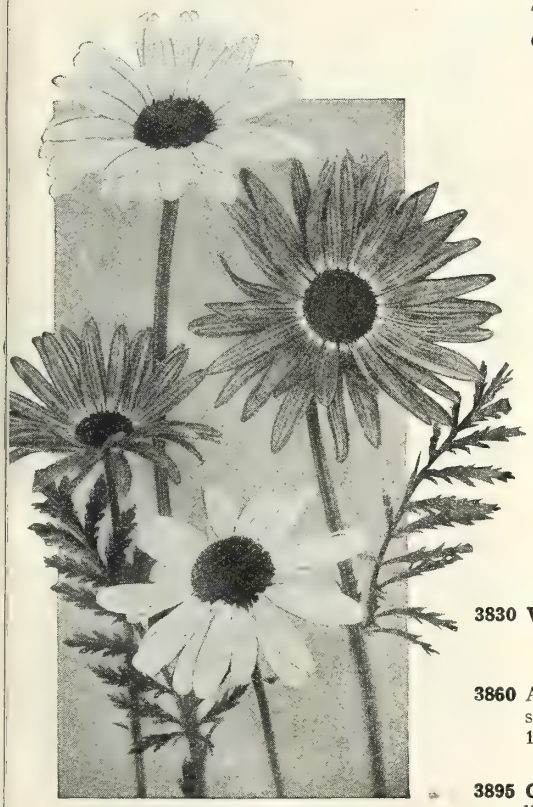
3826 Malacoides (*Improved Baby Primrose*). A fine house plant, flowers delicate lilac; 1 foot ... 15

3828 — Rosea. A beautiful bright rose variety 25

1500 Auricula. A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; 6 inches 25

3825 Japonica (*Japanese Primrose*). A fine hardy Primrose growing about 18 inches high. Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; mixed colors 15

3830 Vulgaris (*English Primrose*). Canary-yellow, fragrant 15
See also Cowslip and Polyanthus.



Pyrethrum Hybridum
(Offered on page 106)

Rhodanthe (Swan River Everlasting)

3860 A charming annual; succeeds in a light rich soil and a warm sheltered situation; valuable for pot culture; flowers everlasting; mixed colors; 1 foot 10

Rosemary (Rosemarinus)

3895 Officinalis. An old favorite aromatic herb, delightfully fragrant, flowers light blue, grows about 2 feet high, should be planted in a warm dry situation, and given a little protection. ¼ oz., 25 cts 10

High Grade Sweet Peas are one of our Specialties. See pages 57, 58 and 112

New Ricinus Red Spire

Rudbeckia (Cone Flower)

PER PKT.

3901 Bicolor Superba. Fine free-flowering annual variety, growing about 2 feet high; forming a dense bush and producing in great abundance on long stems its bright flowers. The disc is brown, the florets golden-yellow, with large velvety-brown spots at the base; very effective and useful for cutting. ¼ oz., 25 cts. $0 10

3902 Newmani. One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals surrounding a large black cone; 3 feet... 15

3903 Purpurea (*Giant Purple Cone-Flower*). A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across; 3 feet..... 15

Sanvitalia

3938 Procumbens Fl. Pl. An annual of dwarf compact growth; useful in masses in beds, or edges of borders, or in vases, baskets, etc. Showy bright yellow, double flowers; in bloom all summer..... 10

Various Salvias

3928 Azurea Grandiflora. A hardy perennial variety, producing during August and September spikes of pretty sky blue flowers in great profusion. 2 to 3 feet. 15

3929 Farinacea. A perennial variety, but best grown as an annual. Seed sown in the open ground in May, blooming from July to frost. The fine light blue flowers are borne on long spikes held above the foliage; makes a good blue line; 2 to 3 feet..... 15

3931 Patens (*Blue Sage*). In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but it is a beautiful plant for the border or greenhouse; tender perennials; 2 feet..... 25

3930 Sclarea. A beautiful and effective hardy biennial variety, growing 4 feet high with immense loosely arranged spikes of attractive old rose shading to white floral leaves, produced through July and August..... 15

Ricinus (Castor Oil Bean)

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for lawns, massing or centre plants for beds.

PER PKT.

3862 Cambodgiensis. The main stems and leaf stalks are shining ebony. The large, richly colored foliage assumes different shades as the plant increases in size, so that very striking effects are obtained; 5 feet. Per oz., 25 cts. $0 10

3863 Gibsoni. Deep red foliage; 5 feet. Per oz., 25 cts..... 10

3866 Panormitanus. Immense dark brown leaves, producing a fine tropical effect; 6 feet. Per oz., 25 cts..... 10

3865 Sanguineus. Blood red stalks and clusters of red fruit; 7 feet. Per oz., 25 cts..... 10

3867 Red Spire. A visitor to our Nurseries declared our planting of this to be the most effective and ornamental feature in the establishment. The shapely, bushy plants attain a height of about 6 feet, with pretty palmate leaves of a bronzy green with prominent red ribs and veins, and producing through the summer and autumn numerous spikes of flowers or seedpods 9 to 18 inches long, of a brilliant rosy crimson; altogether a most effective semi-tropical plant, valuable alike for its foliage and flowers and like other Ricinus, absolutely insect-proof. As single specimens or in beds on the lawn for filling up a corner, or making a hedge or line, this is one of the most ornamental plants ever introduced. Per oz., 40 cts..... 10

3870 Zanzibariensis. A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are beautifully marked. Per oz., 25 cts.. 10

3869 Collection. A pkt. each of the above 6 varieties, 40 cts.

3880 Mixed. All sorts. Per oz., 20 cts..... 5

Sanvitalia Procumbens Fl. Pl.

The New Red Spire Ricinus is a most effective tropical like plant

Large-flowering Salpiglossis (Painted Tongue)

These are one of the very finest annuals, and are of the easiest culture, succeeding in any good ordinary soil and in a sunny position. The plants grow from 24 to 30 inches high, and produce freely from mid-summer until frost their attractive Gloxinia-like blossoms in a very large and unusual range of colors. They are splendid for cutting, lasting well. Seed may be started indoors or in a hotbed about the end of March, or sown outdoors when danger from frost is passed and the ground is in good condition. For best results the plants should not be set closer than 12 inches apart. PER PKT.

3912 Crimson $0 10
3913 Primrose 10
3914 Purple and Gold 10
3915 Rose and Gold 10
3916 Scarlet and Gold 10
3917 White and Gold 10
3919 Collection of a packet each of the above 6 sorts, 50 cts.
3920 Finest Mixed. All colors. ¼ oz., 40 cts.; oz., $1.25 10

Saponaria (Bouncing Bet)

3939 Ocymoides. Very showy hardy perennial rock plant, producing during the summer months masses of small, bright rose flowers; 9 inches 10

3940 Vaccaria. A pretty and useful annual variety, grows about 2 feet high, and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila; charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom. Per oz., 30 cts. 10

Scarlet Runner Beans

3595 Scarlet Runners. A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the sprays of bright scarlet pea-shaped blossoms. Per lb., 45 cts., postpaid 10

SALVIA SPLENDENS (Scarlet Sage)

SALPIGLOSSIS IMPROVED LARGE-FLOWERING

Salvia Splendens (Scarlet Sage)

The Scarlet Sage has long been a favorite bedding plant and is undoubtedly one of the most effective plants either as individual specimens or in beds or borders of any size. Also grown for conservatory decoration, bearing long spikes of flowers in great profusion from July to frost; seeds should be sown as early as possible either indoors or in a hotbed, and the young plants transferred to their flowering quarters when the weather has become settled and warm. May also be sown in the open ground in May. For hardy Salvias, see page 108.

PER PKT.

3936 America. This is undoubtedly the earliest, freest and most continuous bloomer of all Scarlet Sages, and what is still more important, the most uniform in habit of growth; the bushy plants do not grow over 15 inches high, with the spikes of brilliant scarlet flowers thrown well above the plant, making a total height of about 2 feet; the importance of this uniformity will be appreciated by those who use Scarlet Sage for beds or borders. Per ¼ oz., $1.00 ..... $0 25

3935 Splendens (*Scarlet Sage*). Beautiful bright scarlet; 3 feet. ¼ oz., 60 cts. 10

3932 "Bonfire." This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. Per ¼ oz., 75 cts. 15

3937 Rose Pearl. A very pretty and interesting variation of the Scarlet Sage forming compact plants about 18 inches high with numerous flower spikes of a pretty old-rose color 25

For Novelties and Specialties, see pages 52 to 62

LARGE-FLOWERING SCABIOSA

Large-flowering Annual Scabiosas
(Mourning Bride, Sweet Scabious, Pin Cushion Flower, etc.)

These are firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow 2½ to 3 feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting. We offer as under:

	PER ¼ OZ.	PER PKT.
3943 Azure Fairy. Clear lavender-blue	$0 30	$0 10
3944 Crimson. Rich rosy crimson	30	10
3951 Flesh Pink. Delicate tone of pink	30	10
3952 King of the Blacks. Velvety black purple	30	10
3956 Rose. Soft rose color	30	10
3958 White. Pure white	30	10

Two New Annual Scabiosas

The two varieties below are improvements on those of similar color now in commerce, being larger and more double.

	PER ¼ OZ.	PER PKT.
3955 Peachblossom. Soft peach-blossom pink	$0 50	$0 15
3957 Shasta. Very large, pure white	50	15

3959 Collection of a packet each of the 8 colors, 60 cts.

3960 Mixed. All colors of the Improved Large-flowering. Per ¼ oz., 25 cts.; per oz., 60 cts. 10

Hardy Perennial Scabiosas

3941 Caucasica (*Blue Bonnet*). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender blue; 3 feet 25

3942 Japonica. A variety from Japan, forming bushy plants, 2½ feet in height, and bearing on long, wiry stems beautiful, artistic, lavender-blue flowers; a fine cut flower. ¼ oz., 30 cts. 10

3946 Columbaria. A new hardy perennial variety from South Africa, a very superior form to the European species, producing freely flowers measuring 2 to 2½ inches across, of a beautiful delicate mauve and soft pink; a fine hardy border plant; 1½ to 2 feet. Mixture containing both colors 25

Smilax (Myrsiphyllum Asparagoides)

PER PKT.

3981 In many respects Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. ¼ oz., 25 cts. $0 10

Schizanthus (Butterfly or Fringe Flower)

This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.

3967 Dwarf Large-flowered. A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. ¼ oz., 40 cts. $0 15

3968 Wisetonensis. A variety largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the gound color of which is white, dotted with delicate rose. ¼ oz., 50 cts. 15

3970 Mixed. A splendid mixture of the regular type, which forms pretty plants 18 inches high with fine foliage and covered with bloom throughout the summer. ¼ oz., 25 cts. 10

SCHIZANTHUS WISETONENSIS

STOCKS (Gilliflower)

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it in unsurpassed.

Improved Large Flowering 10 Week Stocks

This is the leading class for bedding out for summer blooming, coming into flower quicker than the other types; 12 to 15 inches high.

PER PKT.

4011 Blood-red.....$0 10
4013 Light Blue..... 10
4014 Bright Pink..... 10
4015 Purple.....$0 10
4016 Pure White..... 10
4017 Canary-yellow..... 10
4018 Collection. A packet each of the above 6 colors, 50 cts.
4020 Mixed. Double large flowering. ⅛ oz., 50 cts..... 10

Cut-and-Come-Again Stocks

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers; 2 feet.

PER PKT.

4031 Princess Alice. White.....$0 15
4032 La France. Rose..... 15
4033 Brilliant. Blood-red..... 15
4034 Sapphire. Dark blue..... 15
4035 Creole. Creamy-yellow..... 15
4036 May Queen. Delicate lilac..... 15
4039 Collection of a packet each of the above 6 colors, 60 cts.
4040 Finest Mixed. All colors. ⅛ oz., 75 cts..... 10

Early Giant Imperial Stocks

A recently developed strain of early-flowering Winter or Brompton Stocks, forming much-branched plants about 2½ feet high and having numerous spikes of very large, double, delightfully fragrant flowers, they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months; for this purpose seed should be sown from July to September; if sown in February or March will produce plants that will bloom out of doors from mid-summer till frost.

PER PKT.

4043 Rose-pink. A pretty color $0 20
4044 Fiery Blood-red. Striking..... 20
4045 White. Pure white..... 20
4046 Golden Ball. Rich canary.....$0 20
4047 Lavender. Lavender blue..... 20
4048 Violet. Soft violet purple..... 20
4049 Collection. A pkt. each of 6 colors, $1.00.
4050 Finest Mixed. All colors..... 15

CUT-AND-COME-AGAIN STOCKS

STATICE LATIFOLIA

Solanum (Jerusalem Cherry)

PER PKT.

3987 Cleveland Red. A greatly improved form of this very useful pot plant for winter decoration. It is of dwarf, branching habit; leaves small and oval shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot.....$0 15

Statice (Sea Lavender)

Hardy Perennial Sorts

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets.

3997 Latifolia. Purplish-blue flowers; 2 feet. (See cut.) ¼ oz., 50 cts..... 10
4000 Mixed. Containing many sorts. 15 inches..... 10

Annual Statice

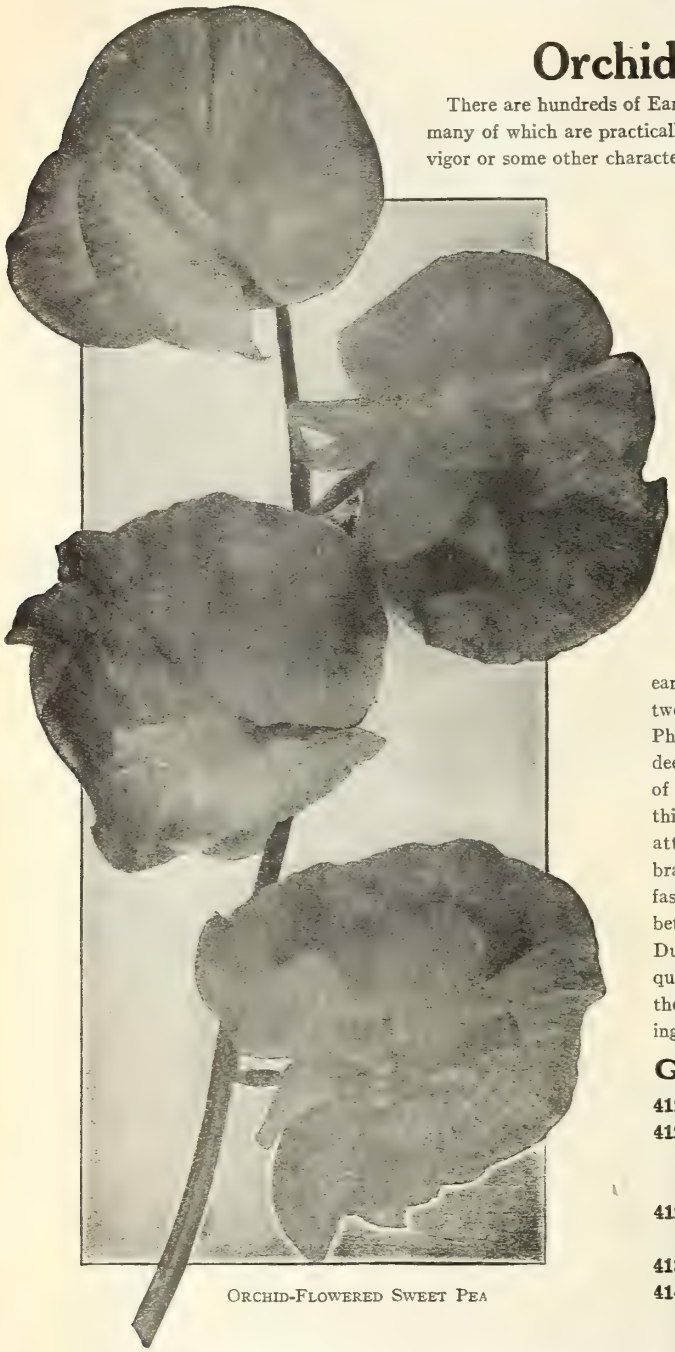
These have become quite popular, the flowers being used extensively by many of the leading Florists, the seeds are supplied in the dried flower heads which may be started indoors or sown in the open when the weather gets warm, in any case, in order to secure satisfactory germination the flower heads should be placed in the soil on their sides; 18 inches.

3995 Bonduelli. Bright yellow.....$0 10
3996 Sinuata Rosea Superba. Bright rose..... 10
3998 — True Blue. Rich blue..... 10
3999 — Alba. White..... 10
3994 Suworowi (*Russian Cat-tail Statice*). Forms a cluster of leaves on the ground and bearing tail-like spikes of rose-colored flowers..... 10

Stevia

4001 Serrata. Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting..... 15

The latest introductions in Sweet Peas are offered with other Specialties on pages 52 to 62



ORCHID-FLOWERED SWEET PEA

DREER'S SUPERB
Orchid-flowered Sweet Peas

There are hundreds of Early and Summer-flowering Orchid-flowered varieties of Sweet Peas, many of which are practically identical and still others which lack either size, purity of color, vigor or some other characteristic which all first-class sorts should have. It would be an easy matter for us to greatly extend our list, but we think it best to confine our offers to such sorts as are really first class, and every variety we offer is entitled to a place in the front rank of Sweet Peas. In addition to the splendid list of Orchid-flowered sorts offered on this page we also offer the best recent introductions of both the early-flowering and the regular type, which are fully described on pages 57 and 58.

How to Grow Sweet Peas

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Considerable benefit has been noted from the use of Inoculating Culture. We can supply a special culture for Sweet Peas for 35 cts. per bottle, enough for any ordinary garden. They should be in a position fully exposed to the sunlight and air on both sides of the row.

Much depends upon the state of the weather as to when the seed may be sown out of doors, but they should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Philadelphia. It is best to make a trench or furrow about 6 inches deep, in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. As soon as they are above ground thin out to 2 to 4 inches apart; when planted too close they do not attain their full development. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least 4 feet high, and 5 feet would be better. It is just as well to do the staking at the time of sowing. During dry weather they should be watered thoroughly and frequently. The flowers should be cut as often as possible to prevent the plants from running to seed, which would stop them from continuing in bloom.

General Collection of Standard Sorts

4121 Gold Crest. A brilliant orange tinted salmon.

4124 Hawlmark Pink. Quite distinct from any other pink variety, the general effect being rose-pink suffused with salmon, undoubtedly one of the most beautiful pink Sweet Peas.

4126 Hawlmark Scarlet. Color a brilliant vermilion, very large flowers, free growth.

4131 Hebe. Large bright pink, an improved Hercules.

4143 King Edward Spencer. Bright crimson-scarlet of largest size. A fine variety.

4207 Sunset. Beautiful tone of rich rose, base of petals suffused with glowing golden yellow.

4215 Youth. A beautiful, free-flowering picotee variety, the pure white standards and wings are distinctly edged with deep pink, very pretty.

4221 Warrior. Enormous flowers of a rich reddish bronzy maroon, the finest of this color yet introduced.

4149 Mammoth. Blazing orange scarlet.

4153 Magnet. A splendid bright cream pink.

4154 Mermaid. One of the best pure lavenders.

4184 Peggy. Brilliant cerise, flushed orange, very effective.

4204 Snowball. A wonderful pure white, flowers of largest size on long strong stems, unusually fragrant.

Price. Any of the above, 10 cts. per pkt.; 30 cts. per oz.; 75 cts. per ¼ lb.
4208 Collection of a packet each of the 13 standard sorts offered above, 85 cts.
4209 Collection of 1 ounce of each of the 13 standard sorts offered above, $2.50.

Dreer's Orchid-flowered Sweet Peas in Mixture

4230 Read what we say about this type at top of this page. They represent the highest achievement in Sweet Peas to date, and this mixture has been made up out of named sorts only, insuring a well balanced range of colors, and it would be impossible to get anything of higher quality at any price. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.; $2.50 per lb.

Our "Incomparable" collection of Sweet Peas is extra choice. See Specialties, page 57

Cupid, Dwarf or Bedding Sweet Peas

4063 Cupid, Dwarf or Bedding Sweet Peas. These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all the colors. 10 cts. per pkt.; 20 cts. per oz.; 60 cts. per ¼ lb.; $2.00 per lb.

Sweet William (Dianthus Barbatus)

A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new vigorous young plants from seed every season than to divide the old plants; 18 inches.

PER PKT.

4282 Newport Pink. A distinct new color which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call water-melon-pink or salmony-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective for cutting. ¼ oz., 50 cts. $0 15

4281 Scarlet Beauty. A very effective, rich deep scarlet variety, a rare color in hardy plants. ¼ oz., 50 cts. 15

4291 Holborn Glory. This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb. ¼ oz., 40 cts. 10

4286 Single Velvety Dark Maroon. ¼ oz., 30 cts. .. 10

4288 Single Pure White. ¼ oz., 30 cts. 10

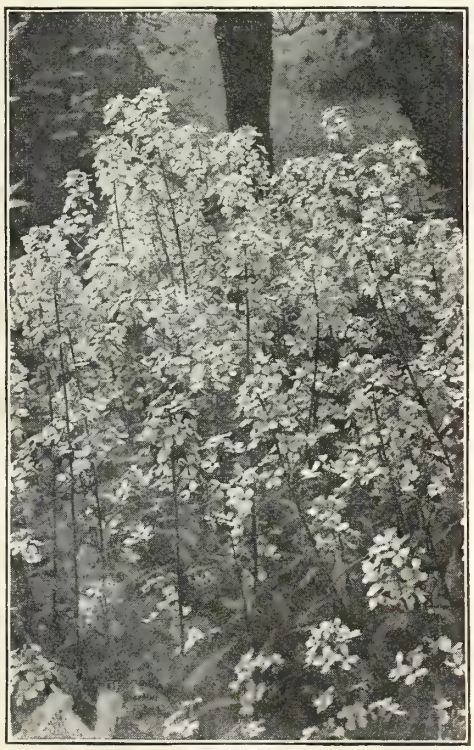
4290 Single Mixed. All colors. ¼ oz., 25 cts.; oz., 75 cts. 10

4297 Double Mixed. All colors. ¼ oz., 30 cts. 10

4296 Giant Double. A decided improvement. The plants are of robust, bushy habit, producing numerous stems, surmounted by immense umbels of full, double flowers, many of the individual flowers measuring over one inch in diameter. The colors are extremely varied. ¼ oz., 50 cts. 15

Double and Single Sweet William

Stokesia (Cornflower Aster)



Sweet Rocket

Sweet William

PER PKT.

2342 Latifolius Atrococcineus, Fl. Pl. (*Everblooming Hybrid Sweet William*). A brilliant crimson scarlet variety that is very effective in any position, and one of the best perennials in the list; illustrated in colors on plate opposite page 56. ¼ oz., 50 cts. $0 15

Stokesia (Cornflower Aster)

4051 Cyanea. A beautiful hardy perennial. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border and indispensable for cutting. ¼ oz., 50 cts. 10

4060 Cyanea Mixed. Containing a number of colors. ¼ oz., 60 cts. 15

Sweet Rocket (Hesperis)

4280 Old-fashioned garden plants; also known as Dame's Rocket and Dame's Violet; grows about 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut). ¼ oz., 20 cts.; oz., 60 cts. 10

TAGETES SIGNATA PUMILA

Tagetes

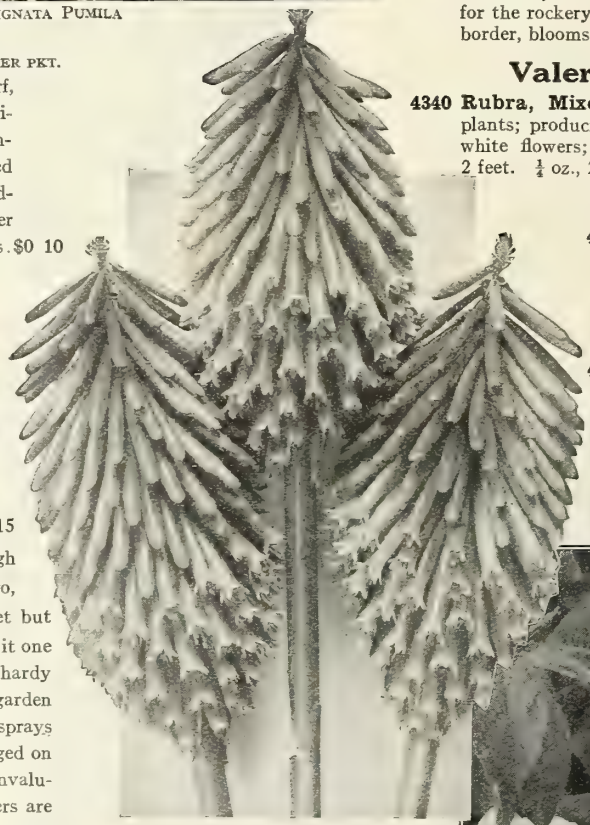
PER PKT.

4301 Signata Pumila. A dwarf, compact, bushy annual Marigold, with beautiful, fern-like leaves, densely covered with flowers of bright, golden-yellow; first-class border plant; 9 inches. ¼ oz., 40 cts. $0 10

Thalictrum
(Meadow Rue)

4305 Aquilegifolium. A beautiful hardy perennial; with elegant Columbine-like foliage and masses of feathery white flowers in June and July; 3 feet..... 15

4306 Dipterocarpum. Though introduced some years ago, this beautiful species is yet but little known. We consider it one of the real gems among hardy plants, not only for the garden but its dainty, graceful sprays of flowers, elegantly arranged on stems 3 to 4 feet high, are invaluable for cutting; the flowers are of charming shade of violet-mauve, which is brightened by a bunch of lemon-yellow stamens and anthers.....$0 25



TRITOMA (Red-hot Poker Plant)

Thunbergia (Black-eyed Susan)

4310 Beautiful, rapid growing annual climbers preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc., very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. (See cut.) ¼ oz., 40 cts..... 10

Torenia

4322 Fournieri. A very fine annual; a splendid plant for vases, hanging-baskets, borders, etc.; covered the entire season with a mass of bloom. Sky-blue, with three spots of dark blue, bright yellow centre..... 15

Tritoma
(Red-hot Poker, Flame Flower, or Torch Lily)

PER PKT.

4330 Hybrida. The introduction of new continuous flowering Tritomas has given them a prominent place among hardy bedding plants. It is not generally known that they are readily grown from seed, many flowering the first year if sown early. The seed we offer has been saved from a collection, which is undoubtedly one of the finest in this country. Of course for immediate results it will be better to get plants, but raising them from seed is highly interesting. ¼ oz., 60 cts.....$0 15

Tunica

4335 Saxifraga. A neat, tufted hardy perennial plant, growing but a few inches high, and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for the rockery or the margin of the hardy border, blooms the first season..... 10

Valeriana (Valerian)

4340 Rubra, Mixed. Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. ¼ oz., 25 cts..... 10

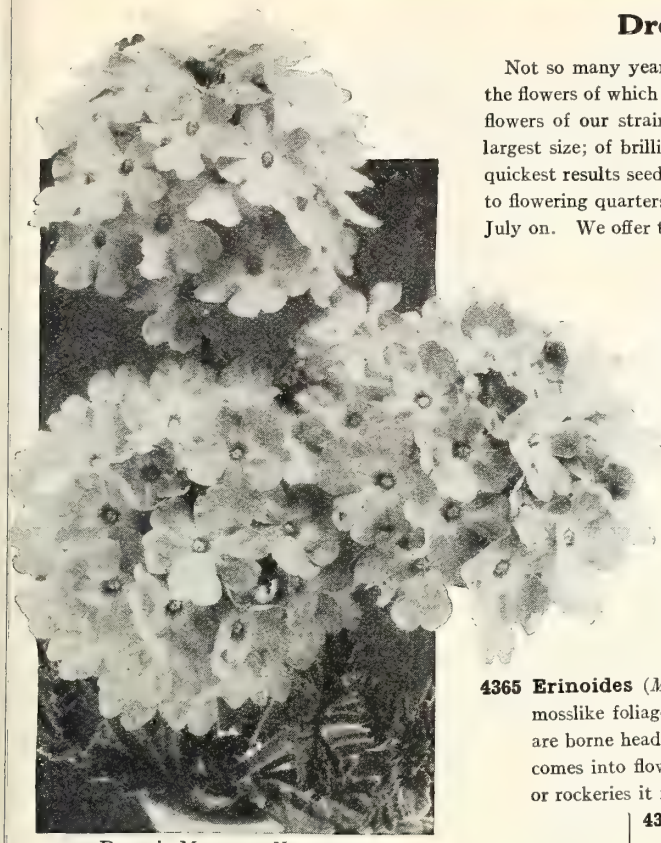
Veronica (Speedwell)

4374 Maritima. A very pretty Speedwell growing about 2 feet high and producing long spikes of blue flowers from July to September 15

4376 Spicata. An elegant hardy border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July..... 15

THUNBERGIA

Asters are one of our leading specialties. See Specialties, pages 52 to 62, also pages 68 to 71



DREER'S MAMMOTH VERBENAS

Dreer's Mammoth Verbenas

Not so many years ago we considered as almost perfect any strain of Verbenas, the flowers of which could cover a 25 cent piece. By careful selection the individual flowers of our strain now almost covers a 50 cent piece. The trusses are of the largest size; of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. We offer the following colors:

PER PKT.

4351 Pink. Various pink and rose shades.....$0 10
4353 Scarlet. Uniform bright scarlet..... 10
4354 Luminosa. Luminous flame or coral pink..... 10
4355 White. Purest white..... 10
4356 Blue. Light to rich blue shades..... 10
4357 Lucifer. Deep cardinal scarlet. Very rich..... 10
4359 Collection of above 6 colors, 50 cts.
4360 Dreer's Mammoth Mixed. Containing all the colors. ¼ oz., 50 cts.; oz., $1.50..... 10

Various Verbenas

4366 Lemon Verbena (*Aloysia Citriodora*). Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower. Start indoors..... 15

4365 Erinoides (*Moss Verbena*). This lovely variety produces a mass of mosslike foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue and white blossoms in lavish profusion; comes into flower in June and continues until frost. For beds, baskets or rockeries it is highly desirable..... 10

4367 Venosa (*Hardy Garden Verbena*). This variety is largely used for bedding purposes. It is a strong, thrifty grower about 1 foot high, and covered from early summer until late fall with its bright purplish-heliotrope flowers. ¼ oz., 30 cts..... 10

Vinca (Madagascar Periwinkle, or Old Maid)

Ornamental free-blooming plants with bright green shiny foliage and one of the most satisfactory and long-flowering bedding plants we have. It is best to start the seed early indoors or in the hot-bed, but can be sown out of doors in May, or as soon as the ground is warm, they may be potted and kept in bloom through the winter; a fine cut flower, every bud opening when placed in water. 12 to 18 inches. (See cut.)

PER PKT.

4381 Rosea. Rose, dark eye.....$0 10
4382 — Alba. White, crimson eye..... 10
4383 — Alba Pura. Pure white..... 10
4390 — Mixed. All the colors. ¼ oz., 40 cts..... 10

Wallflower

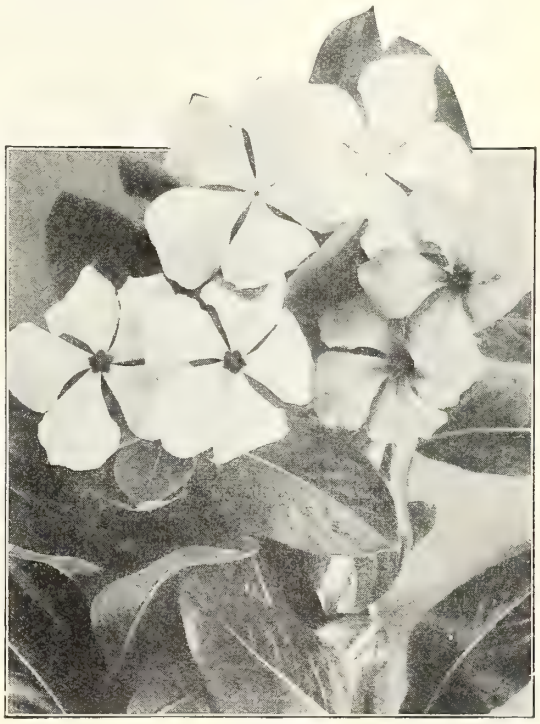
Well-known deliciously fragrant half hardy perennials, blooming early in the spring, with spikes of beautiful flowers. In the north they should be protected in a cold frame in the winter and planted out in April.

4415 Paris Extra Early. A beautiful single variety, which may be treated as an annual, flowering through the summer from seed sown in spring. ¼ oz., 25 cts.....$0 10
4414 Goliath. A splendid single variety; flowers of a rich, shining red, with a black velvety sheen..... 10
4420 Single Mixed. All colors. ¼ oz., 20 cts.; oz., 60 cts... 10
4430 Double-flowering Finest Mixed..... 15

Water Lily Seeds

We annually save a limited quantity of these at our own nurseries and offer:

4534 Nymphaea Tender Varieties Mixed.....$0 15
4537 Nelumbium Mixed Sorts..... 15



VINCA ROSEA

Try Helichrysum or Straw Flowers for Winter Bouquets. See page 91

Wild Garden Annual Flower Seeds

Under this heading we offer a mixture of the easiest and surest growing annual kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. In sowing this seed broadcast it is advisable to rake the surface of the place intended to be sown with a sharp toothed rake, and to mix the seed with 5 to 10 times its bulk of dry sand or what is better wheat flour or corn meal, when thoroughly mixed it allows for an even distribution of the seed. PER PKT.

4550 Dwarf Sorts. Growing from 12 to 18 inches high, 30 cts. per oz.; $1.00 per ¼ lb.; $3.00 per lb. $0 10

4560 Tall Sorts. Growing from 18 to 36 inches high, 30 cts. per oz.; $1.00 per ¼ lb.; $3.00 per lb 10

Xeranthemum

(Everlasting, or Immortelle)

4433 Annuum. One of the prettiest and most satisfactory of the Everlastings, bearing an abundance of bright rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 feet high, and can be sown in the open ground early in May, growing readily in any open, sunny position, remaining in bloom from early summer till frost. Mixed colors. ¼ oz., 30 cts....$0 10

Everlasting Flowers

2469 To meet the growing demand for these for use in winter bouquets we have made up a collection containing a packet each of the best eight varieties. Price, 50 cts.

XERANTHEMUM

ZINNIA MEXICANA PERFECTION

DREER'S CHOICE ZINNIAS

(Youth and Old Age)

The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite, and are now enjoying a wide popularity not only for garden decoration but also for cutting. The seed can be sown early in the hotbed or light window and transplanted, or sown later in the open ground. They come into flower early in the summer, and keep on blooming until frost.

The Giant and Dahlia flowered sorts are especially fine although all of the varieties offered on this and pages 117 and 118 are well worth growing. PER PKT.

ZINNIA CURLED AND CRESTED

4440 Curled and Crested. The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. (See cut.) ¼ oz., 40 cts $0 10

4481 Mexicana Perfection. A very dwarf variety, bearing small double flowers of unusual colorings; makes a beautiful border. (See cut.) 15

4485 Red Riding Hood. This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet, very double flowers not over an inch across; as a border it is highly effective. ¼ oz., 30 cts 10

4490 Single Mixed. For bedding these are very effective, and are by many considered more artistic than the double-flowering sorts. ¼ oz., 25 cts 10

4500 Tall Double. The old-fashioned tall-growing double-flowering variety; 3 feet; mixed colors. Per oz., 40 cts.. 10

4510 Zebra. A very pretty strain with striped flowers. As the colors vary on each plant, they present a curious as well as a beautiful appearance. ¼ oz., 25 cts 10

The leading varieties of Zinnias are offered on pages 117 and 118

DOUBLE DAHLIA-FLOWERED ZINNIA

Double Dahlia-Flowered Zinnia

This grand new type of Zinnia has been thoroughly tried and is already popular with those who demand a large-flowering strain of high quality. The plants are of strong, vigorous habit, fully 3 feet high, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth, similar in shape to the double Decorative Dahlias, and which is nicely shown in our illustration. The range of colors not only include the usual shades, but many unusual tones, such as salmon, old rose, cerise, strawberry-red, etc., and as the result of continued careful selection, the size, form and colorings have again been improved the past season. We offer 7 distinct colors as well as a splendid mixture.

		PER PKT.
4471	**Canary Bird.** Canary yellow	$0 20
4472	**Crimson Monarch.** Crimson scarlet	20
4473	**Dream.** Deep lavender, a very attractive color	20
4474	**Exquisite.** Rich rose-pink	20
4475	**Old Rose.** Old rose	20
4476	**Oriole.** Orange and gold	20
4477	**Scarlet Flame.** Fiery scarlet	20
4479	**Collection** of a pkt. each of the above 7 sorts	1 00
4480	**Finest Mixed.** Containing a wonderful range of beautiful colors. Per ¼ oz., 60 cts.; oz., $2.00	15

Dreer's Special Strain Giant Double Zinnias

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and should be given 18 to 24 inches between each to allow for full development; they bear freely on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc., grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

		PER ¼ OZ.	PER PKT.
4511	**Orange King.** Rich golden orange	$0 50	$0 15
4512	**Rose Queen.** Deep rose	50	15
4513	**Purity.** Pure white	50	15
4514	**Miss Willmott.** Charming tone of soft but bright rose-pink	50	15
4515	**Lemon Queen.** Primrose or canary yellow	50	15
4516	**Crimson.** Deep crimson scarlet	50	15
4517	**Salmon.** Rich salmony rose	50	15

4519 **Collection** of a pkt. each of the above 7 colors, 75 cts.

4518 **Collection** of ¼ oz. each of above 7 colors, $2.50.

4520 **Giant Mixed.** All colors. ¼ oz., 35 cts.; oz., $1.00; pkt., 15 cts.

Large-flowering Dwarf Double Salmon-rose Zinnia

4446 This splendid, brilliant salmon-rose bedding variety has been on the market for several years, but the supply of seed has never been equal to the demand, we are again fortunate in having a good crop this season of extra select stock. 10 cts. per pkt.; 30 cts. per ¼ oz.

GIANT DOUBLE ZINNIA

DREER'S CHOICE ZINNIAS

DOUBLE LILLIPUT OR POMPON ZINNIAS

Dreer's Large-flowering Dwarf Double Zinnias

This we consider the best Zinnia for bedding, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good clear distinct colors. The salmon-rose variety is especially effective and is largely used in the finest gardens in the country.

4441 Canary. Clear yellow.

4442 Flesh-pink. Delicate shade.

4444 Orange. Rich golden orange.

4445 Scarlet. Very rich.

4446 Salmon Rose. The most popular color of all.

4457 White. Pure white.

Price. Any of the above 10 cts. per pkt.; 30 cts. per ¼ oz.

4459 Collection of a packet each of the above 6 sorts, 40 cts.

4460 Finest Mixed. All colors of the large-flowering dwarf sorts. Per ¼ oz., 25 cts.; oz., 75 cts. ..... PER PKT. $0 10

Double Lilliput or Pompon Zinnias

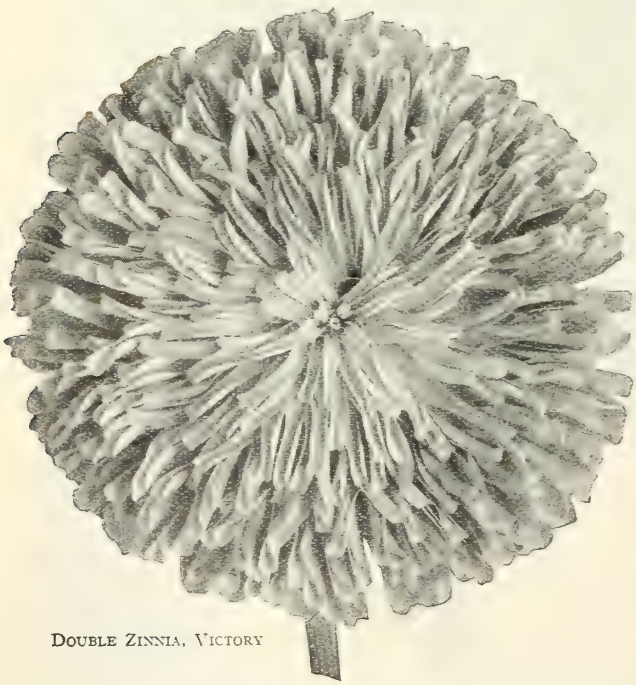
A very pretty type of compact habit not over 15 inches high, bearing in lavish profusion, small densely double flowers on long stems, held well above the foliage. Makes a good line or bed and are of more than usual value for cutting.

	PER ¼ OZ.	PER PKT.
4524 Canary Yellow	$0 40	$0 10
4525 Golden Orange	40	10
4526 Salmon Rose	40	10
4527 Scarlet	40	10
4528 White	40	10
4529 Collection of a pkt. each of the 5 colors, 40 cts.		
4530 Finest Mixed. Containing all the colors, ¼ oz., 30 cts.		10

Two Unusual Zinnias

4505 Victory. A very distinct variety with large densely double quilled flowers, the colors are mostly in russet, orange, old rose and other autumn tints. ¼ oz., 60 cts. ..... PER PKT. $0 15

4434 Picotee. A very pretty mixture, producing large double fringed flowers in a good range of desirable colors, in the lighter shades each petal is distinctly tipped with maroon while the dark colored flowers are tipped with a light contrasting color, of special value for cutting when the unusual color arrangement can be seen to best advantage. ¼ oz., 50 cts. ..... PER PKT. $0 15



DOUBLE ZINNIA, VICTORY

DOUBLE ZINNIA, PICOTEE

Do not overlook the Zinnias offered on pages 116 and 117

Plant, Root and Bulb Department

PLEASE READ THIS BEFORE ORDERING PLANTS, ROOTS OR BULBS

TIME OF SHIPMENT.—All plants, whether the stock is seasonable or not, are forwarded as soon after receipt of the order as possible. Many of our customers who have facilities for their care, purposely order plants out of season so as to have them on hand when planting conditions are favorable. As we do not know whether you have such facilities, you should specify on the order when you want shipment made, if you do not wish them at once.

RESERVATION OF PLANTS FOR PLANTING TIME.—While we try as far as possible to reserve plants on orders placed in advance, to be sent at planting time, it must be borne in mind that plants are highly perishable, and cannot be packed and stored for future shipment like most other kinds of merchandise. Weather conditions frequently interfere with making such reservations at the time the order is received, and when Spring opens there is usually such a congestion of orders for immediate shipment that it is impossible to make reservations. Customers may rely on us doing our utmost in making reservations, but if we fail we assume no responsibility, and all advance orders are accepted on these conditions only.

SAFE ARRIVAL GUARANTEED.—We guarantee the safe arrival of all goods sent by express or mail to points within the U. S. proper. If a package sent by express or mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Claims for damages must be made on receipt of goods. We do not hold ourselves responsible for failure after delivery of the goods in good condition.

SHIPMENT BY STEAMBOAT.—Fast lines of steamboats connect Philadelphia with Baltimore, Boston, Jacksonville, Miami and Savannah. This forms a convenient, cheap and safe method of transportation, except during severe cold weather.

PLANTS BY RAILROAD FREIGHT.—Shrubs, Hedge Plants and other dormant stock can be forwarded safely by fast freight lines, even to distant points.

PACKING.—We make no charge for boxes or packing on Express, Freight or steamboat shipments. The extra labor of packing Parcel Post shipments is included in the additional 5, 10 and 15 per cent. cost noted in the next column.

HOW WE SHIP.—All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges. For those of our customers who prefer to receive their goods by Parcel Post, we will be pleased to forward in this manner such Plants, Roots and Bulbs as can be sent in this way at the following additional cost, to cover postage and special packing, which must be added to the value of each order for Plants, Roots or Bulbs:

5 per cent. additional to the following States:

Connecticut,
Delaware,
District of Columbia,
Maryland,
Massachusetts,
New Hampshire,
New Jersey,
New York,
Pennsylvania,
Rhode Island,
Vermont,
Virginia,
West Virginia.

10 per cent. additional to the following States:

Alabama,
Arkansas,
Florida,
Georgia,
Illinois,
Indiana,
Iowa,
Kansas,
Kentucky,
Louisiana,
Maine,
Michigan,
Minnesota,
Mississippi,
Missouri,
Nebraska,
North Carolina,
North Dakota,
Ohio,
Oklahoma,
South Carolina,
South Dakota,
Tennessee,
Texas,
Wisconsin.

15 per cent. additional to the following States:

Arizona,
California,
Colorado,
Idaho,
Montana,
Nevada,
New Mexico,
Oregon,
Utah,
Washington,
Wyoming.

We recommend our customers to have their orders forwarded by express, as our experience shows that this method is usually the most satisfactory, except on small packages.

PLANTING TABLE.—The table below shows the number of plants required to fill a circular bed of the dimensions given. In planting begin outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed. It is customary among professionals in planting a bed to set the plants somewhat closer together in the two outer rows, giving more space between each plant toward the centre of the bed.

Diameter of bed	6 in. apart	12 in. apart	18 in. apart	24 in. apart	30 in. apart	Diameter of bed	6 in. apart	12 in. apart	18 in. apart	24 in. apart	30 in. apart
3 feet	28	7				12 feet	452	113	50	28	18
4 "	48	12	6			13 "	528	132	59	33	22
5 "	80	20	8			14 "	612	153	68	39	25
6 "	112	28	13	7		15 "	704	176	78	44	28
7 "	152	38	17	9		16 "	804	201	89	50	32
8 "	200	50	23	12		17 "	904	226	100	57	36
9 "	256	64	28	16		18 "	1016	254	113	63	40
10 "	320	80	36	20	13	19 "	1132	283	126	71	46
11 "	380	95	42	24	16	20 "	1256	314	139	78	50

A square bed will take about the same number of plants. For an oval bed, add length and breadth and divide by 2. For example an oval 7 feet long by 5 feet wide will require same number of plants as a circular bed 6 feet in diameter.

DREER'S LARGE FLOWERING CANNAS

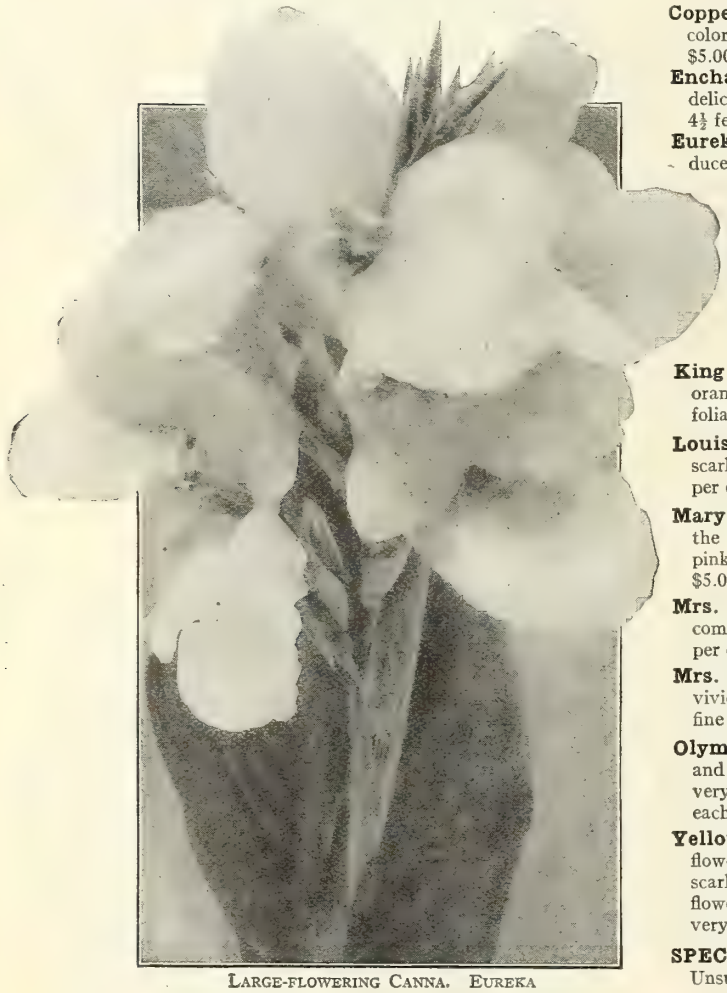
Cannas are the most economical and effective plants employed in our Gardens. They bloom from early summer until frost in all sections of the country, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded about two feet deep, and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times freely watered.

They are most effective when planted in masses of one variety, setting out the plants about two feet apart. They are also very effective when planted in mixed borders, where their long flowering season insures a constant display of color.

All varieties have green foliage unless otherwise specified.

Twelve Unsurpassed Cannas

We offer the following varieties as the best Cannas in commerce. Each is of free and vigorous growth and flowering habit.



LARGE-FLOWERING CANNA. EUREKA

Copper Giant. An immense flower on a very vigorous plant, color madder-red suffused with rose. 4 feet. 50 cts. each; $5.00 per doz.

Enchantress. Unapproached in quality or beauty. Color a delicate old rose passing to light salmon as the flowers age. 4½ feet. 50 cts. each; $5.00 per doz.

Eureka. The best white; the large substantial flowers are produced very freely. 4½ feet. 25 cts. each; $2.50 per doz.

Frau Dr. Klien. A free grower with tall erect stems supporting large trusses of immense well formed, very substantial flowers of a glossy carmine-red. 5 feet. 50 cts. each; $5.00 per doz.

Golden Eagle. Very free and early, of a clear golden yellow, throwing its showy trusses well above the foliage. No other pure yellow equals it in all round worth and effectiveness. 4 feet. 50 cts. each; $5.00 per doz.

King Humbert. The most popular of all Cannas. Great orange-scarlet flowers surmount beautiful vigorous deep bronze foliage. 5 feet. 25 cts. each; $2.50 per doz.

Louis Cayeux. A strong vigorous giant flowered bright rosy scarlet; different from all others. 4 feet. 50 cts. each; $5.00 per doz.

Mary Thilow. The bronze-leaved Mrs. Alfred Conard, one of the most admired varieties, color a delicate pale rosy salmon-pink, very free, foliage light bronze. 4 feet. 50 cts. each; $5.00 per doz.

Mrs. Antoine Wintzer. A grand yellow variety of dwarf compact habit, flowers freely. 3½ feet. 50 cts. each; $5.00 per doz.

Mrs. Pierre S. duPont. A gorgeously beautiful Canna of a vivid watermelon-pink; the individual flowers are very large in fine massive trusses. 4 feet high. 75 cts. each; $7.50 per doz.

Olympic. Rich Oriental red, shading lighter toward the centre and dappled carmine. The individual trusses and florets are very large. A majestic, impressive beauty. 5 feet. 50 cts. each; $5.00 per doz.

Yellow King Humbert. A sport from the bronze leaved red flowering King Humbert. Flowers are yellow dotted orange-scarlet. The occasional reversion of a stalk of foliage and flowers to the typical King Humbert makes a bed of this variety very interesting. 4½ feet. 25 cts. each; $2.50 per doz.

SPECIAL OFFER. We will supply one each of the above 12 Unsurpassed Cannas for $5.00.

Large-flowering Cannas in Separate Colors

The varieties of Cannas offered on this and the next page are the outstanding sorts of our very large collection, all of which are strictly first-class. Many planters are not particular as to variety so long as they get the wanted color; for such we offer at very low prices if the selection of variety is left to our choice, in the following colors.

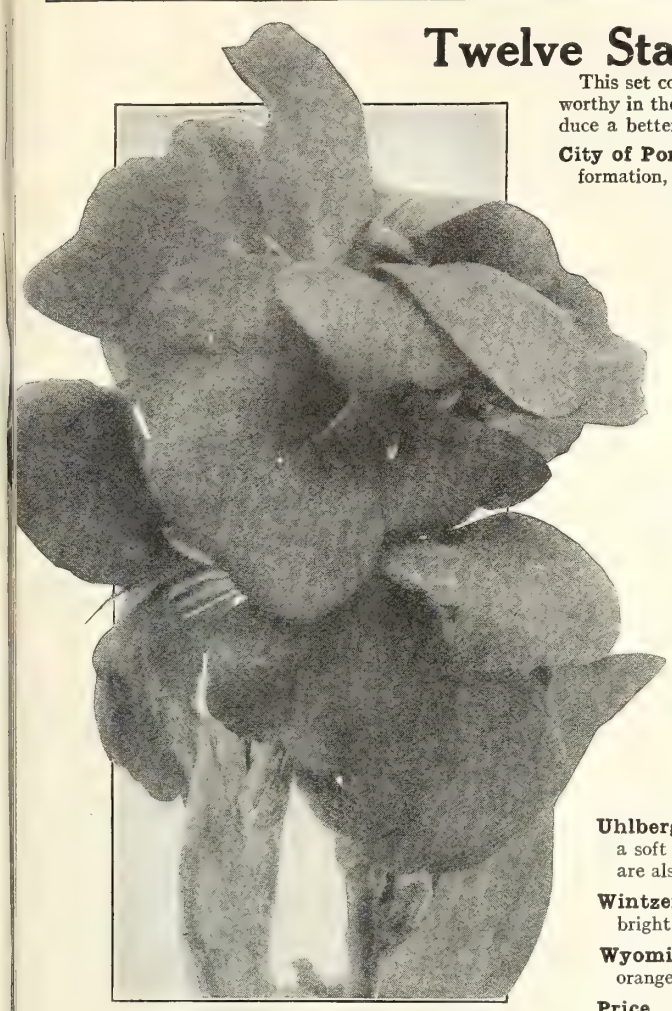
Crimson, Scarlet, Pink, Carmine, Yellow, Yellow spotted red, Orange and White.

Price. $1.50 per doz.; $10.00 per 100; $80.00 per 1000.

If a border plant is desired to edge a Canna bed the Pennisetums offered on page 136 are most suitable subjects

Twelve Standard Cannas

This set contains twelve well tried varieties, all of which have been found worthy in their respective types and colors. No plants we know of will produce a better display for the money than this set of Cannas at the price.



LARGE-FLOWERING CANNA THE AMBASSADOR

City of Portland. A beautiful rose colored Canna with flowers of good formation, freely produced in immense trusses. 4 feet.

General Merkel. Scarlet, suffused with orange, base and edge of flowers marbled golden-yellow. 4 feet.

Gladiator. Deep yellow, freely dotted with red, a popular bedder. 4½ feet.

Meteor. Medium sized flowers very freely produced in good trusses, color deep red; a most effective bedder. 4 feet.

Queen Charlotte. Very free bright scarlet broadly bordered with golden yellow, distinct and attractive. 3½ feet.

Richard Wallace. Large canary yellow flowers, a well known popular variety. 4 feet.

The Ambassador. Appropriately referred to as the "Bronze Leaved President," a wonderfully vigorous free-flowering brilliant cherry red. 5 feet.

The Gem. The immense trusses of flowers are borne on upright branching stems well above the foliage and are of deep cream or straw yellow color dotted with carmine; very attractive and unusually refined. 4½ feet.

The President. The greatest red Canna, possessing every desirable quality. Of immense size, unsurpassed in vigor, penetrating color, and a free bloomer. 5 feet.

Uhlberg. Entirely distinct. The flowers expand very fully and are of a soft rosy carmine, the throat of the flower is of a creamy yellow as are also the edges of the petals. 3½ feet.

Wintzer's Colossal. Flowers frequently eight inches in diameter; bright scarlet; very effective, free-flowering bedding variety. 5 feet.

Wyoming. Bronze purple foliage, immense spikes of large massive orange flowers. 6 feet.

Price. Any of the above, 25 cts. each; $2.50 per doz.; $18.00 per 100. The collection of 12 varieties for $2.50.

Twelve Superior Cannas

Here we offer twelve very good Cannas, leaders in their colors, and very popular because of their vigor and free flowering habit.

Favorite. The best yellow dotted with red. The yellow is intense and the dots not too pronounced add to its beauty without detracting from the golden mass. 4½ feet.

Harmony. Great clusters of well formed, Geranium-red flowers, arranged in such a manner as to give the trusses an almost globular appearance; carmine bronze foliage. 3½ feet.

Hungaria. An ideal pink bedder, flowers large in good sized trusses produced very freely, color a beautiful clear rose. 3½ feet.

Lyon Rouge. A distinct and remarkably good French introduction of a deep glowing red, very large flowers of good round form in immense trusses. 4 feet.

Mrs. Alfred Conard. One of the most popular varieties grown, one of the most effective. Very large salmon-pink. 4 feet.

Nokomis. Very effective large deep crimson flowers well above the bronze green foliage; unique and effective. 4½ feet.

Poppy. Intense poppy-red, large perfect flowers in good trusses over rich green foliage. 4½ feet.

Rosea Gigantea. Large flowers in great abundance; the individual petals are often 2½ inches across, of a deep rich rose, almost a coral carmine. 4 feet.

Statue of Liberty. An extremely vigorous grower with bronze foliage and large orange-scarlet flowers. 6 feet.

Sungold. Chinese orange overlaid with a touch of fiery scarlet and narrow golden yellow border, a dazzling free flowering variety. 4½ feet.

Timbuctoo. A recent introduction from France. Golden yellow flowers are very freely produced on a very attractive plant. 3½ feet.

Triomphe. A brilliant dark red bedder, flowering freely to produce a very attractive effect. 4 feet.

Price. Any of the above varieties, 30 cts. each; $3.00 per doz.; $20.00 per 100. One each of the 12 Superior Cannas for $3.00.

The Tuberous-rooted Begonias offered on page 126 make desirable flowering plants for a partially shaded border

DREER'S SELECT GLADIOLUS

Gold Medal Hybrid Gladiolus

The interest developed in the Gladiolus during the past few years has been tremendous, and thousands of bulbs are now planted annually where dozens were used in the past. Their present popularity is sure to continue and increase, as they are, without doubt, the most attractive and useful of all summer-flowering bulbs, and, as a cut flower through the summer and autumn months, hold a place that cannot be taken by any other flower.

Wonderful improvements are being made each year in the size, color and beauty of these flowers, and our list comprises only the best both in mixture and in named sorts.

Note. We supply all varieties in strictly select No. 1 bulbs.

GLADIOLUS in Mixture

Our mixtures offered below are made up of fine varieties, not the common sorts, which produce themselves so freely, and are all **strictly selected first size bulbs,** and sure to give satisfactory results.

Gold Medal Gladiolus

We grow this magnificent strain for the express purpose of being able to supply many of our customers who want something decidedly better than the usual run of mixtures and who do not care for the named sorts. When Gladiolus are grown in mixture they are liable to deteriorate, and finally contain only a few colors. To avoid this we grow small blocks of a large number of exquisite colors, many of them high-priced sorts, from which these mixtures are made, which insures results which cannot be had in any other way, and if you wish something really extra fine, these are sure to please you.

Gold Medal Section No. 1. This contains all the scarlet, blood-red, garnet, amaranth, and similar rich shades of color in great diversity. 7 cts. each; 75 cts. per doz.; $5.50 per 100.

Gold Medal Section No. 2. This is composed of the white, yellow, and delicate shades of pink, rose, etc., and is especially valuable for cutting. 7 cts. each; 75 cts. per doz.; $5.50 per 100.

Gold Medal Section No. 3. In this section are included the blue, heliotrope, lilac, mauve and similar tints. A lady customer on seeing a bunch of these, called them "pansy colors," which aptly describes them. 10 cts. each; $1.00 per doz.; $7.50 per 100.

Primulinus Hybrids Mixed

This mixture is certain to produce some beautiful flowers mostly in tones running from light yellow to orange, apricot and crimson; for description of this type see page 123. 50 cts. per doz.; $3.00 per 100; $28.00 per 1000.

Gold Medal Mixture. This contains some each of the above sections, a wonderful diversity in color; by far the finest mixture of Gladioli ever offered. 6 cts. each; 65 cts. per doz.; $5.00 per 100; $45.00 per 1000.

GENERAL COLLECTION CHOICE NAMED GLADIOLUS

In addition to the Peerless Named sorts and the Twelve Superb sorts offered on the following pages, we offer below a very select list of named varieties, each one quite distinct and first class in every way.

Alice Tiplady. This fine variety is classed as a Primulinus hybrid, in color, rich orangy saffron. A very popular sort. 10 cts. each; $1.00 per doz.; $6.50 per 100.

Anna Eberius. Rich, warm rhodamine purple with dark Bordeaux centre; large flowers on strong stems. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Gretchen Zang. A lovely tone of soft pink with scarlet markings on the lower petals. 10 cts. each; $1.00 per doz.; $6.50 per 100.

Le Marechal Foch. This might briefly be described as an improved America, having the same soft flesh-pink color, but with much larger blooms and coming into flower two weeks earlier. Of unusually strong, vigorous growth with splendid straight, well-filled spikes. 10 cts. each; $1.00 per doz.; $6.00 per 100.

Mrs. Dr. Norton. A dainty "peaches and cream" color combination of white, soft pink and primrose yellow. Exquisite for cutting. 10 cts. each; $1.00 per doz.; $7.50 per 100.

Mrs. Francis King. A striking shade of light scarlet or flame color; one of the most effective. 10 cts. each; $1.00 per doz.; $6.50 per 100.

Odin. Deep salmon-pink with carmine blotch on lower petals, a warm color combination, large flowers on strong stems. Very early. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Peace. Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes; a beautiful and exceedingly refined variety. 10 cts. each; $1.00 per doz.; $6.50 per 100.

Rose Ash. A very strong grower with long spikes of large flowers of a smoky old-rose color. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Schwaben. This is considered one of the best and freest growing yellow varieties. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Virginia or Scarlet Princeps. Rich, dazzling scarlet, makes a gorgeous display. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Wilbrink. A favorite variety for cutting; very early flowering, color delicate pink. 10 cts. each; $1.00 per doz.; $6.50 per 100.

Collections of Choice Named Gladiolus

1 each of the above 12 sorts, 12 bulbs	$1 15	6 each of the above 12 sorts, 72 bulbs	$5 00
3 each of the above 12 sorts, 36 bulbs	3 00	12 each of the above 12 sorts, 144 bulbs	9 00

TWELVE SUPERB MODERN GLADIOLUS

This set is made up of varieties noted for their strong, free growth, free-flowering qualities, purity of color and their ability to produce satisfactory results in our climate even under the most ordinary conditions, and whether wanted for show in the garden or for cutting, the sorts offered under this head are leaders in their respective colors, and are offered at prices so reasonable, considering their high grade, that they should be planted in quantity wherever summer flowers are wanted.

Baron Hulot or Blue King. A really fine blue Gladiolus, in color a rich, royal violet blue, very effective when cut and used in conjunction with a yellow variety. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Carmen Sylva. Large snow white flowers, well placed on perfectly straight tall stems, extra fine cut flower variety. 10 cts. each; $1.00 per doz.; $7.50 per 100.

Crimson Glow. Well named, the color being a glowing crimson-scarlet, massive spikes and flowers of large size; a strong vigorous grower. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Evelyn Kirtland. A splendid variety with large flowers of wonderful substance of rosy pink at the edges passing to shell-pink in the throat, with fiery scarlet blotches on lower petals. A strong, robust grower. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Flora. A golden yellow variety of great excellence, being a free, strong grower with splendid spikes and flowers of large size. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Los Angeles. Delicate salmon-pink with bright cerise markings in the throat, a strong vigorous grower. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Mary Pickford. A comparatively new variety of dainty coloring, splendid spikes with large expanded blooms of a delicate creamy white, the throat suffused with soft canary yellow. 15 cts. each; $1.50 per doz.; $10.00 per 100.

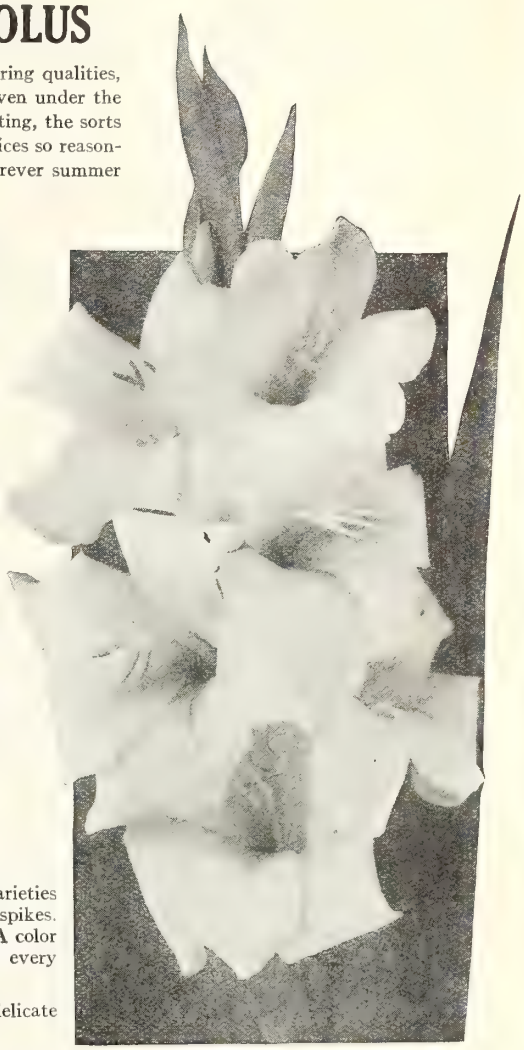
Mrs. F. C. Peters. Orchid-pink with purplish blotch in the throat, many large flowers open at a time on long erect spikes. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Miss Madison. Very large wide open flowers on long strong spikes; color, pure deep pink. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Mrs. Frank Pendleton. All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong straight spikes. In color a lovely salmon-pink with brilliant deep red blotches in the throat. A color combination rivalling many of the finest orchids in its richness; exquisite in every way. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Prince of Wales. An early flowering sort with fine spikes of large flowers of delicate apricot-pink suffused salmon. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Richard Diener. Very large flowers, pure rose-salmon pink. An exquisite variety. 20 cts. each; $2.00 per doz.; $15.00 per 100.



A Modern Gladiolus

Collections of Twelve Superb Modern Gladiolus

1 each of the above 12 sorts, 12 bulbs	$1 50	6 each of the above 12 sorts, 72 bulbs	$7 00
3 each of the above 12 sorts, 36 bulbs	4 00	12 each of the above 12 sorts, 144 bulbs	13 00

PRIMULINUS HYBRID GLADIOLUS

The original of this type, introduced from South Africa, has been wonderfully improved in the last few years by crossing with choice garden varieties; they are quite distinct from the usual run of Gladioli, being of more slender growth, the orchid-like flowers set airily on the slender yet strong spikes, the range of colors is brilliant and beautiful and planted in fair sized groups in the garden make a very showy display, but it is as cut flowers that their grace and wonderful coloring show to best advantage. We offer six choice named sorts as follows:

Alice Tiplady. Rich orangy-saffron. 10 cts. each; $1.00 per doz.; $6.50 per 100.

Jewel. Light salmon pink with golden yellow throat. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Orange Queen. Striking orange yellow tinted apricot, remarkably beautiful and one of the finest Primulinus. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Orchid. A charming shade of Cattleya or Orchid, a most distinct and unique variety of unusual merit, the best ruffled Primulinus. 15 cts. each; $1.50 per doz.; $10.00 per 100.

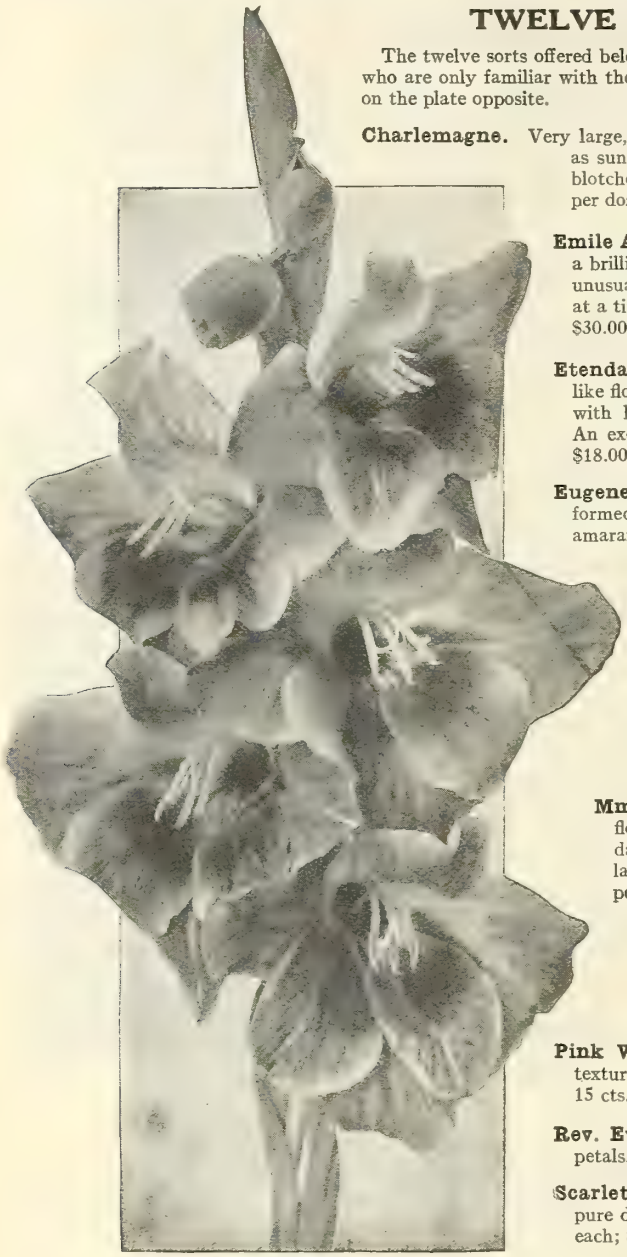
Shell-Pink. Very large beautiful shell-pink, white throat, one of the best Primulinus. 20 cts. each; $2.00 per doz.; $15.00 per 100.

Souvenir. Superb golden yellow. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Collection of 3 each of the above 6 Primulinus Hybrids for $2.00; 6 each for $3.50; 12 each for $6.00.

TWELVE "PEERLESS" GLADIOLUS

The twelve sorts offered below are of unusual high grade and will be a real surprise to those who are only familiar with the older varieties. We show three of these Peerless sorts in color on the plate opposite.



"Peerless" Gladiolus

Charlemagne. Very large, open flowers on massive spikes; color described by introducer as sunrise red, flaked darker and marked with large creamy-white blotches, densely dotted with purple-carmine. 30 cts. each; $3.00 per doz.; $20.00 per 100.

Emile Aubrun. A French introduction of outstanding quality. Color a brilliant tone of coppery bronze with large cherry-red blotch, a most unusual shade. A customer reports a spike with 26 buds, twelve open at a time, the tip bloom six inches across. 40 cts. each; $4.00 per doz.; $30.00 per 100.

Etendard. One of the choicest introductions, with immense orchid-like flowers. Upper petals rich, cream tinted rose, lower petals marked with large fiery-red blotches, clearly margined with bright yellow. An exceedingly rich color combination. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Eugene Lefebvre. One of Lemoine's giant varieties, beautifully formed flowers of bright pink, throat spotted and dotted with purplish amaranth and cream. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Golden Measure. This is the first really rich yellow large flowering variety produced, it makes a handsome spike well filled with the large blooms and is a strong free grower. Illustrated in colors on the plate opposite. 15 cts. each; $1.50 per doz.; $12.00 per 100.

Jean de Taillis. One of Lemoine's introductions producing flowers of enormous size of a pure salmon, with large rich reddish maroon blotches. A handsome and striking variety. 30 cts. each; $3.00 per doz.; $20.00 per 100.

Mme. Mounet-Sully. A wonderfully fine variety with large flowers of splendid substance, the color combination exquisitely dainty and attractive, the ground color milky white with large orange red blotches. 30 cts. each; $3.00 per doz.; $20.00 per 100.

Mrs. Leon Douglas. Flowers of enormous size, many open at a time on very tall strong stems. Color, Begonia-rose striped with flame scarlet; lower petal pale lemon speckled ruby. Illustrated in colors on the plate opposite. 20 cts. each; $2.00 per doz.; $15.00 per 100.

Pink Wonder. A real wonder, with immense flowers of splendid texture of a lovely La France pink, shading to paler pink in the throat. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Rev. Ewbank. Beautiful porcelain blue with deeper blotch on lower petals. 20 cts. each; $2.00 per doz.; $15.00 per 100.

Scarlet Wonder. Magnificent in size and color. A real "wonder," pure deep scarlet. Illustrated in colors on the plate opposite. 15 cts. each; $1.50 per doz.; $12.00 per 100.

W. H. Phipps. Enormous flowers on massive spikes. Color, clear pink, shaded salmon. 30 cts. each; $3.00 per doz.; $20.00 per 100.

Collection of Twelve "Peerless" Gladiolus

1 each of the 12 Peerless sorts, 12 bulbs	$2 75	6 each of the 12 Peerless sorts, 72 bulbs	$13 50
3 each of the 12 Peerless sorts, 36 bulbs	7 00	12 each of the 12 Peerless sorts, 144 bulbs	25 00

RUFFLED GLADIOLUS

This recently developed type have all the good qualities of the family with the added attraction of having the flowers nicely ruffled or fluted, giving them a grace not possessed by the regular sorts.

Anthony B. Kunderd. Delicate cream overlaid blush pink, lower petals primrose flushed pink at edges, heavily ruffled. 15 cts. each; $1.50 per doz.; $10.00 per 100.

E. J. Shaylor. A superb beautifully ruffled sort, color deep rose-pink. 10 cts. each; $1.00 per doz.; $6.50 per 100.

Marie Kunderd. A beautiful pure white, flowers of large size and beautifully ruffled. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Mrs. H. E. Bothin. Heavily ruffled flowers of shell-pink tinted salmon with flaming scarlet blotch. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Purple Glory. This is not purple as its name would indicate, but a rich velvety maroon, with almost black blotches; beautifully ruffled. 20 cts. each; $2.00 per doz.; $15.00 per 100.

Scarlano. Vivid orange-red, flowers nicely ruffled. 10 cts. each; $1.50 per doz.; $7.00 per 100.

One each of the above 6 Ruffled sorts for 80 cts.; 3 each for $2.00; 6 each for $3.50.

Our Gold Medal Mixed Gladiolus offered on page 122 are extra fine

SUMMER FLOWERING BULBS

Please read what we say regarding filling and forwarding of Plant Orders on page 119

New Giant Montbretias

See Colored Illustration on Opposite Page

These magnificent new hybrid Montbretias are remarkable for their giant size and beautiful rich colors. The flowers are nearly three inches in diameter and are borne on slender branching stems frequently over three feet high and are gay and attractive in the garden in late summer and fall and invaluable for cutting. The bulbs or started plants should be set out during April or May and may be wintered out of doors with careful protection but it is better to lift the bulbs in the fall, pack them away in dry sand and store in a low temperature just above freezing.

His Majesty. The largest of the collection, very substantial, widely-expanded flowers with rich yellow centre shading to brilliant scarlet, with the segments heavily covered towards their tips with a good rich crimson.

Queen Alexandra. A splendid large reflexed light golden orange with distinct crimson bars, a strong, vigorous grower.

Una. A charming, very floriferous growing variety about two and a half feet high with flowers of medium size, of a light orange with crimson reverse, the inner surface of the flower marked with crimson.

Price. Any of the above varieties, 50 cts. each; set of 3 bulbs, 1 of each variety, $1.25; set of 9 bulbs, 3 of each variety for $3.50; $4.50 per doz.; $30.00 per 100.

Montbretia General Collection

Fire King. Bright scarlet. One of the showiest.

George Davidson. Very large chrome-yellow.

King Edmund. Rich yellow with carmine blotched centre.

Lady Hamilton. Apricot yellow, very distinct.

Lord Nelson. Rich deep crimson-scarlet.

Star of Fire. Brilliant fire-red.

Strong bulbs, 15 cts. each; $1.50 per doz.; $10.00 per 100. 3 each of the six sorts, 18 in all, for $2.00.

ACHIMENES

Amaryllis (Hippeastrum)

Dreer's Giant American Hybrids. There is nothing that will give the amateur greater pleasure for the window garden than these giant-flowering Amaryllis that are so easily managed. The strain we offer is the finest that has ever been produced in this country, strong bulbs throwing vigorous stems with from four to six gigantic blooms of the most perfect form, ranging in color from pure white ground, with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson, bright red, cherry, and almost maroon. Cultural leaflet free on request. We can supply large strong bulbs **in choicest mixture only.** 75 cts. each; $7.50 per doz.; $60.00 per 100.

Achimenes

A plant closely allied to the Gloxinia and which will succeed best under similar cultivation, see cultural notes on Gloxinias in our book, "Dreer's Hints on the Growing of Bulbs." Achimenes are supplied in small corms or rhizomes and for best effect three or more should be planted in a pot. They continue in flower for a period of from 8 to 10 weeks. We offer six distinct varieties with flowers averaging 1¼ inches in diameter.

Ambroise Verschaffelt. Blush white with delicate tracings of pale purple.

Galatea. Large deep lavender.

Magnifica. Beautiful violet blue.

Purity. Large pure white.

Purple King. A good rich purple.

Supreme. Lavender with light centre.

25 cts. each; 3 corms for 50 cts.; $2.00 per doz.

DREER'S GIANT AMERICAN HYBRID AMARYLLIS

NOTE—All Plants, Roots and Bulbs are forwarded by express, purchaser paying charges. If wanted by parcel post add to value of order in accordance with rates given on page 119 and on Order Blank.

Summer Flowering Bulbs—Continued

Dreer's Superb Tuberous-rooted Begonias

This charming class of Begonias is perhaps the handsomest of all summer-flowering, tuberous-rooted plants, and deserves even greater popularity. Improvements made in recent years in size, texture and coloring, are really phenomenal with flowers frequently measuring from 4 to 6 inches across, and colors ranging from the purest white and the most delicate tints of pink, yellow and salmon to the most intense and richest crimson. Particularly useful for planting in porch or window boxes in a semi-shady position, also for outdoor planting in partially shaded positions, where if they are planted in well drained light soil they will produce more bloom than any other plants that can be grown in such a place. Their culture is fully described in our book, "Dreer's Hints on the Growing of Bulbs," price 25 cts. Copies free to customers who ask for it when ordering.

SINGLE AND DOUBLE TUBEROUS BEGONIAS

Trailing Tuberous-rooted Begonias

Splendid for growing in hanging baskets or as individual specimens in pots where the branches drooping over the edges produce masses of attractive showy flowers.

Choicest Colors, Mixed. 50 cts. each; $5.00 per doz.

Hardy Tuberous-rooted Begonia

Evansiana. A handsome and distinct species from Java, growing about 2 feet high, with large dark green foliage and producing large, showy flesh-pink flowers in the greatest profusion. A most desirable bedding plant which, if planted in a well-drained position, will withstand the winter if covered with a few inches of leaves at the approach of severe weather. 50 cts. each.

Amorphophallus (Devil's Tongue)

Rivieri. A curious and interesting Aroid when planted as an isolated specimen in the mixed border in a warm sunny position in rich soil. The flower resembles a gigantic black Calla and appears before the leaves on stems rising from 2 to 3 feet high; the flower is soon followed by interesting massive tropical-looking foliage which is supported on thick prettily-marbled stems. Strong bulbs, $1.25 each.

Frilled Tuberous-rooted Begonias

A wonderfully improved strain with flowers of immense size with beautifully frilled, wavy petals, not unlike the finest fringed ruffled Petunias.

Red, Pink, Yellow and White. 30 cts. each; $3.00 per doz.; $20.00 per 100.

Choicest Colors Mixed. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Single Tuberous-rooted Begonias

Crimson, Scarlet, Salmon, Pink and White. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Finest Mixed. 20 cts. each; $2.00 per doz.; $15.00 per 100.

Double Tuberous-rooted Begonias

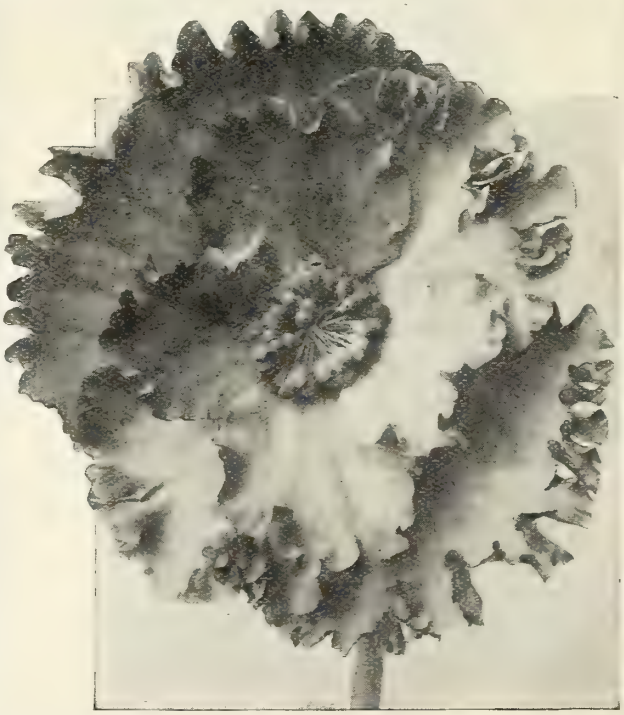
Crimson, Scarlet, Salmon, Pink and White. 30 cts. each; $3.00 per doz.; $20.00 per 100.

Choice Mixed. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Crested Tuberous-rooted Begonias

A distinct, novel and most interesting type, with large, substantial flowers, each petal carries a cockscomb-like crest which extends from the base of the petal to near the edge, where it terminates in a series of charming undulations. Unique and beautiful.

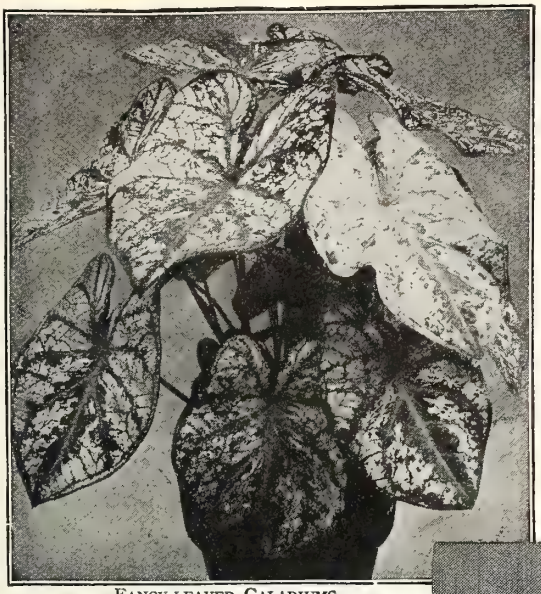
Choicest Mixed Colors. 30 cts. each; $3.00 per doz.



FRILLED TUBEROUS BEGONIA

If unable to find what you want, refer to Index, page 2

Summer Flowering Bulbs—Continued



FANCY-LEAVED CALADIUMS

Fancy-leaved Caladiums

No other summer foliage plant equals the Fancy Caladiums in rich and gorgeous, yet soft coloring. All of the varieties are of marvelous beauty for the furnishing of the conservatory during the summer months, for window boxes, or even for outdoor bedding in shady or semi-shady positions. Their culture is fully described in our book, "Dreer's Hints on the Growing of Bulbs." Price, 25 cts. per copy, or will be sent free to customers if asked for at time of ordering.

Our collection consists of more than fifty distinct and beautiful varieties. We offer special selections as under.

Twenty-five Choice Standard Varieties

30 cts. each; 12 distinct varieties for $3.00; the full collection of 25 varieties for $5.00.

Twelve Choice New and Rare Varieties

50 cts. each; the collection of 12 varieties for $5.00.

Descriptive list of above mailed on application.

Caladium Esculentum
(Elephant's Ear)

Among the most effective plants in cultivation for beds, borders, or for planting out upon the lawn; they are used extensively in many of the public parks where their decorative value is greatly appreciated. To obtain the best results they should be planted where they will obtain plenty of water and an abundance of rich compost. When full size they stand six to ten feet high, and bear immense light green leaves, three to four feet long by two and a half wide.

	Each	Per doz.	Per 100
Large Bulbs	$0 30	$3 00	$20 00
First Size Bulbs	20	2 00	15 00
Second Size Bulbs	15	1 50	10 00

Callas (Richardia)

Golden Yellow (*Richardia Elliottiana*). This is the best of the Yellow Callas, its flowers being as large as the popular white variety, but of a rich, lustrous golden-yellow of velvety texture; the foliage is dark green, with translucent creamy-white spots, which add much to its beauty. Strong bulbs, 30 cts. each; $3.00 per doz.

Spotted Leaf (*Richardia alba maculata*). Leaves deep green, with numerous white spots, which give the plant a very ornamental appearance. The flowers are white with a black centre. 30 cts. each; $3.00 per doz.

Gloriosa (Climbing Lily)

Superba Rothschildiana. A splendid tropical climbing plant, easy to grow in a warm conservatory; grows 6 to 10 feet high, producing its gorgeous lily-like flowers, which open a bright yellow, changing to a deep scarlet, in bloom through the summer and autumn months. Strong tubers, 50 cts. each.

HYACINTHUS CANDICANS

Hyacinthus Candicans
(Cape Hyacinth)

A white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white, bell-shaped flowers. 20 cts. each; $2.00 per doz.

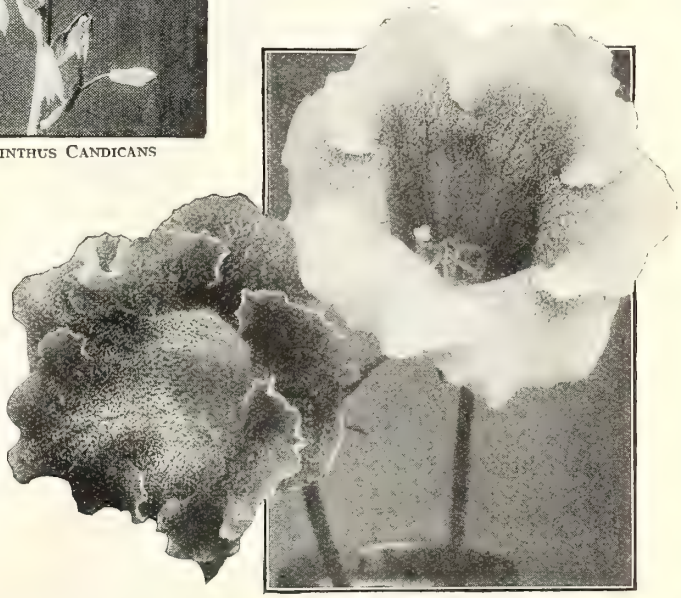
Dreer's Select Gloxinias

The Gloxinia ought to be one of our common plants because of its great beauty, the profusion of its flowers and its summer blooming habit. But it is not common, by any means, and this fact is attributable almost entirely to the impression that prevails to a great extent that it is a very difficult plant to grow—quite beyond the ability of the amateur, in fact. Such is not the case, however, if one goes at it in the right way.

Full cultural directions are given in our book, "Dreer's Hints on the Growing of Bulbs." Price 25 cts., or free if asked for at time of ordering.

Separate Colors. Blue, red and white. 50 cts. each; $5.00 per doz.

Choicest Mixed Colors. 35 cts. each; $3.50 per doz.



DREER'S SELECT GLOXINIAS

Dreer's Choice Gladiolus are offered on pages 122 to 124

Summer Flowering Bulbs—Continued

MEXICAN EVERBLOOMING SINGLE TUBEROSES

Tuberoses

Double Pearl. One of the most delightfully fragrant and beautiful of the summer flowering bulbs. For flowering in the open, plant about the middle of May, or as soon as the ground becomes warm. Strong flowering bulbs, 10 cts. each; 75 cts. per doz.; $5.00 per 100.

Mexican Everblooming. This charming single pure white variety begins to flower in July and continues throughout the season, each bulb throwing from 2 to 5 flower spikes in succession. Delightfully fragrant. 10 cts. each; 75 cts. per doz.; $5.00 per 100.

Zephyranthes
(Zephyr Flower or Fairy Lilies)

Beautiful dwarf, bulbous plants, very effective for massing in the border flowering with great profusion during the summer. They are also suitable for pot culture.

Alba. Pure white. 10 cts. each; $1.00 per doz.; $6.00 per 100.

Rosea. Large rose-colored. 20 cts. each; $2.00 per doz.

Hardy Summer Flowering Lilies

A choice collection of Lilies, varieties that will succeed under ordinary garden conditions, are offered on page 186.

TIGRIDIA

The Dreer Collections of Choice Dahlias are fully described and illustrated on pages 156 to 167.

Ismene Calathina
(Peruvian Daffodil)

A grand summer flowering bulb, producing with great freedom large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and, after a few weeks' rest, potted and flowered in the house in the winter, or kept over for planting out another season. 25 cts. each; $2.50 per doz.

Sprekelia Formossima
(Jacobaean Lily)

Closely allied to the Amaryllis, bearing showy brilliant crimson flowers. Dormant bulbs planted in the border early in May will flower within 3 or 4 weeks after planting, or they may be flowered as pot plants in the house during the early spring months. 35 cts. each; $3.50 per doz.

Tigridia **(Tiger or Shell Flower)**

Showy, bulbous plants suitable for the mixed border, which can be handled the same as Gladiolus, growing about 18 inches high and producing their showy flowers throughout the summer.

Conchiflora. Golden yellow spotted crimson.

Pavonia Grandiflora. Bright crimson, centre spotted yellow.

25 cts. each; $2.50 per doz.; $18.00 per 100.

DOUBLE PEARL TUBEROSE

PLANTS FOR THE GARDEN AND GREENHOUSE

ARAUCARIA EXCELSA

Agapanthus

Umbellatus (*Blue Lily of the Nile*). A splendid ornamental plant, bearing clusters of bright, blue flowers on 3 feet long flower stalks and lasting a long time in bloom. A most desirable plant for outdoor decoration, planted in large pots or tubs on the lawn or piazza. Strong flowering plants from 5-inch pots 60 cts. each.

Aglaonema

Costatum. A dwarf-growing Aroid, suitable for the conservatory or window garden. Very compact heart-shaped leaves of dark, shining green, with white midrib and scattering blotches of white. 75 cts. each.

Allamanda

Hendersoni. A strong growing variety, well suited for growing on the pillars or supports of a conservatory, or for training on a trellis; large, fragrant golden-yellow flowers. 50 cts. each.

Williamsi. Forms a compact bushy plant with large rich yellow flowers at every point; deliciously scented. 50 cts. each.

Aloysia (Lemon Verbena)

Citriodora. The well-known popular pot or bedding plant, grown for its richly fragrant foliage. 25 cts. each; $2.50 per doz.

Antigonon (Mountain Rose)

Leptopus. The pink or rosy-red colored form of this is one of the most conspicuous and beautiful climbers grown in the Southern States, verandas or trellises covered with same are extremely showy and beautiful. In the North the Antigonon makes a splendid climber for the greenhouse. 50 cts. each.

Ardisia

Crenulata. A very ornamental greenhouse plant with dark green, glossy, attractive foliage, bearing clusters of very brilliant red berries. A good subject for the window garden. Fine plants in 4-inch pots that will fruit this season. $1.50 each.

Anthericum

Mandaeanum. A splendid variety with narrow foliage, the leaves being green on the edges with creamy white centre. 3-inch pots, 35 cts. each; $3.50 per doz.

Vittatum Picturatum. A most desirable plant for window boxes, vases, or for growing as a single specimen in pot; long, narrow green foliage with creamy white centre. Splendid plants, 5-inch pots, 75 cts. each.

Large-flowering Half-dwarf Antirrhinums (Snapdragon)

Popular plants for bedding and for cutting. We can supply the following six distinct and beautiful varieties. Ready May 10th.

Silver Pink. Soft pearly pink.
Empress. Velvety crimson.
Golden Queen. Rich yellow.
Flame. Fiery orange-scarlet.
Purity. Pure white.
Prima Donna. Apricot pink.

15 cts. each; $1.50 per doz.; $10.00 per 100.

Anthurium (Flamingo Flower)

Pretty greenhouse plants that have many good qualities, not only as decorative plants, but also as cut flowers. Their peculiar shaped flowers of rich coloring frequently last on the plant from two to three months.

Scherzerianum. Brilliant scarlet flowers.
— **Album.** White.
— **Atrosanguineum.** Rich crimson-scarlet.
— **Roseum.** Salmon-rose.
— **Rothschildianum.** Creamy-white spotted crimson.

Five-inch pots, $2.50 each.

Araucaria (Norfolk Island Pine)

Excelsa. A beautiful tender evergreen, a favorite plant for house decoration, unequaled in symmetrical habit of growth by any other plant.

4-inch pots, 10 to 12 inches high, $2.50 each
5-inch pots, 12 to 15 inches high, 3.00 each
6-inch pots, 15 to 18 inches high, 4.00 each
7-inch pots, 18 to 20 inches high, 6.00 each

Aspidistra

Lurida. One of the easiest decorative plants to grow. A most useful house plant, thriving in a hallway or a comparatively dark place in the room where nothing else will succeed. 5-inch pots, $2.00; 6-inch pots, $2.50 and 7-inch pots, $3.50 each.

Lurida Variegata. The dark green leaves are striped with white. 5-inch pots, $2.50 each; 6-inch pots, $3.50 each.

AZALEA INDICA. See page 130

Dreer's Select Dahlias are offered on pages 156 to 167

BELOPERONE GUTTATA

Asparagus

Plumosus Nanus (*Asparagus Fern*). There is no better plant for table decoration than this. The foliage is more delicate than that of the finest Fern, being lace-like in its filminess. A plant with half a dozen stalks is a mass of dainty, misty green, among which the stems of a few flowers can be thrust in such a manner as to make a pretty decoration for the table. 25 cts. and 50 cts. each; $2.50 and $5.00 per doz.

Sprengeri (*Emerald Feather*). Excellent for hanging-baskets, for bracket use and for cutting. It is one of the best of all plants for the window-box when planted on the outside where it can droop over the edge of the box. 25 cts. and 50 cts. each; $2.50 and $5.00 per doz.

Azalea Indica

Deservedly popular plants for the conservatory and window garden, we offer 8 distinct varieties in nice bushy plants.

Empress of India. Large double flower of salmon-rose, carmine and white suffusion.

Firefly. Medium sized double flowers of a bright crimson-scarlet.

Fred Sanders. A beautiful large double salmon-pink.

John Haerens. Double deep rose-pink with white markings.

Mme. Van der Cruyssen. Beautiful semi-double carmine-rose.

Professor Walters. Large single salmon-pink deepening to the centre, petals prettily fringed.

Vervaeneana. Large double salmon-pink with white margin.

Vervaeneana Alba. Large double pure white, occasionally showing a few red flakes.

Price. Bushy plants 8 to 10 inches in diameter, $1.50 each.

Japanese Kurume Azaleas

These are most valuable additions to our limited list of winter flowering plants. We offer choice varieties for which we were awarded a Silver Medal by the Society of American Florists at the International Flower Show, Indianapolis.

Cattleya. A delicately lilac-tinted white, shading to mauve pink at edges. Semi-double.

Christmas Cheer. This name was suggested by its brilliant coloring, a real Christmas red, semi-double.

Coral Bells. Not a very large flower but produced very profusely; a pleasing coral-pink color, very dainty, semi-double.

Peach Blow. A shapely, single flower of a delicate salmon peach blossom pink.

Salmon Beauty. Large semi-double flowers of brilliant salmon-rose with brighter markings.

Snow. Pure white, a dainty double flower.

Price. Any of the above in strong bushy plants, $1.50 each.

Dreer's China Asters

Superb Late Branching. This is the finest type of China Aster for the amateur, being of strong, robust habit, growing 2½ feet high and bearing their large Chrysanthemum-like flowers from August to October. We can supply nice plants in May and June in the following 8 distinct colors: Azure Blue, Deep Crimson, Deep Rose, Pale Lavender, Deep Purple, Rose Pink, Shell Pink, Pure White.

$1.00 per doz.; $8.00 per 100.

Fibrous-rooted Begonias

This class is entirely distinct from the tuberous-rooted sorts and are among the freest-flowering ornamental leaved pot plants for house or conservatory decoration.

Argentea Guttata. Foliage of rich green, spotted with silver.

Corallina Lucerna. Gigantic trusses of bronzy-red flowers in bloom continuously from April to November.

Haageana. Large trusses of creamy-white flowers, suffused with pink, the foliage bold and attractive, of a bronzy-green above and reddish on the under side.

Price. 35 cts. each. One each of the 3 sorts for $1.00.

Beloperone Guttata

This singularly attractive novelty is a relative of the Justicias, but is more slender and graceful in growth. The inflorescence of Beloperone is composed of a series of overlapping bracts or floral leaves, these bracts assuming a rich golden bronze tint when the plant is exposed to full light, and the two-lipped white flowers are produced successively between these bracts. The lower lip of the flower has a tesselated marking of pale purple, while the upper lip forms a hood over the dark stamens and reminds one of the open mouth of a tiny snake. 50 cts. each.

Bougainvillea

Crimson Lake. Introduced through the Bureau of Plant Industry of the Department of Agriculture.

The flowers are like all other Bougainvilleas, perhaps a trifle larger, but in coloring none compare with it in richness and brilliancy. On first opening a brilliant crimson-lake, retaining this color for three or four weeks, gradually passing to a crimson-carmine.

In Southern California and Florida, the Bougainvilleas make gorgeous climbers for outdoor planting, while in the North they are useful subjects as pot plants for the conservatory or greenhouse. Plants in 3-inch pots, 50 cts. each; strong 4-inch pots, $1.00 each.

Trained Boxwood (Japonica)

The trained Boxwoods are useful in groups or as individual specimens on the lawn or for planting in vases or tubs for decorative effect.

The sizes noted below are an exceptionally nice lot of American grown plants.

Globe or Ball-shaped Boxwoods

	EACH		EACH
14 inches in diam.	$5 00	20 inches in diam.	$8 00
16 inches in diam.	6 00	22 inches in diam.	10 00
18 inches in diam.	7 00	24 inches in diam.	12 50

26 inches in diameter, $15.00 each.

Pyramid-shaped Boxwoods

	EACH		EACH
28 inches high	$6 00	34 inches high	$10 00
30 inches high	7 00	36 inches high	12 50
32 inches high	8 00	40 inches high	15 00

Standard or Tree-shaped Boxwoods

Nicely furnished crowns on stems about 12 inches high.

	EACH
Crowns 12 inches in diameter	$5 00
Crowns 14 inches in diameter	6 00
Crowns 16 inches in diameter	7 50

Bush-shaped Boxwoods (Sempervirens)

	EACH
Bushy plants, 12 to 15 inches high	$1 00
Bushy plants, 16 inches high	1 50
Bushy plants, 18 inches high	2 00

Boxwood Edging (Suffruticosa)

	PER DOZ.	PER 100
4 to 6 inches high	$2 00	$15 00
6 to 8 inches high	3 50	25 00

Dreer's Choice Gladiolus are offered on pages 122 to 124

FARFUGIUM GRANDE

Extra Early Colossal or Giant Cosmos

Indispensable summer and autumn blooming plants producing their artistic blossoms in lavish profusion. Plants ready May 1. We can supply **White, Pink** and **Crimson.** 15 cts. each; $1.00 per doz.; $8.00 per 100.

Crotons

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes. In the latitude of Philadelphia and southward they are wonderfully effective for summer bedding, presenting a glorious medley of rich variegated colors not found in any other class of plants.

We offer a choice assortment embracing the best standard varieties as well as the most desirable recent introductions.

Plants in 3-inch pots, $1.00 each; collection of 12 varieties, $10.00.
Plants in 4-inch pots, $1.50 each; collection of 12 varieties, $15.00.
Large plants, $2.00, $2.50 and $5.00 each.

Cyperus
(Umbrella Plant)

Alternifolius. An excellent plant for the house. Will thrive in any good soil, and always presents a green and attractive appearance. It may be grown as a sub-aquatic, and in any case should never lack a liberal supply of water. 25 cts. each; $2.50 per doz.

Farfugium

Grande (*Leopard Plant*). This is an extremely ornamental plant. Its large, circular leaves, thickly spotted with creamy-white and yellow, make it wonderfully effective for room decoration. 75 cts. each.

Argenteum. A rare variety, with glaucous green foliage, which, instead of being spotted, is edged with creamy-white; very pretty. $1.00 each.

Camellia Japonica

We offer a nice lot of thrifty plants 12 to 15 inches high in 6-inch pots in Double Pink, Red and Rose color. $3.00 each.

Cestrum Parqui
(Night-blooming Jessamine)

An interesting tender Shrub of easy cultivation, either for pot culture or for planting in the garden when the weather gets warm, with small greenish white flowers of delightful fragrance, which is dispensed during the night only. 25 cts. each; $2.50 per doz.

Clerodendron

Balfouri. A beautiful greenhouse climber, and admirably suited for house culture, flowering most profusely with bright scarlet flowers, enveloped in a creamy-white calyx. Strong plants, 25 cts. each. Extra large plants, 50 cts. each.

CLIVIA MINIATA

Clivia Miniata (Imantophyllum)

A pretty lily-like plant of the easiest culture, and a most desirable house plant, it flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about 2 inches long, and are borne in dense clusters from 10 to 20 flowers each; in color it is of a fine orange-red, shading to buff. 4-inch pots, $1.00; 5-inch pots, $2.00, and 6-inch pots, $3.00 each.

Decorative Dracaenas

Fragrans. An excellent house plant, with broad dark green foliage, grows under the most adverse conditions. 3-inch pot plants, 35 cts. each; 4-inch pots, 60 cts. each; 5-inch pots, $1.00 each.

Godseffiana. Entirely different from all other Dracaenas; of free-branching habit, forming compact, graceful specimens. Its foliage is of strong, leathery texture; rich, dark green color densely marked with spots of creamy white. 3-inch pots, 50 cts. each.

Harmony. Broad green foliage with creamy white margin and pink edge. 3-inch pots, 50 cts. each; 4-inch pots, $1.00 each.

Massangeana. A beautiful variegated form of Fragrans with broad, green foliage, with a broad, golden-yellow band through the centre of each leaf. 4-inch pots, 75 cts. each; 5-inch pots, $2.00 each.

Mrs. Eugene Andre. One of the finest high colored new varieties yet introduced, with heavy bronzy foliage developing to an intense yet brilliant rosy crimson. 3-inch pots, 50 cts. each; 4-inch pots, $1.00 each.

Sanderiana. A distinct and pretty variety with glaucous green foliage edged with a broad border of creamy white. 2¼-inch pots, 35 cts. each; 3-inch pots, 50 cts. each; 4-inch pots, $1.50 each; bushy plants in 5-inch pots, $2.00 each.

DRACAENA SANDERIANA

We offer on pages 156 to 167 a wonderful collection of Modern Dahlias

ADIANTUM FARLEYENSE GLORIOSA

Erythrina (Coral Plant)

Crista Galli. A magnificent and interesting flowering plant for the garden, growing from 4 to 6 feet high and producing from late in September until frost, 18-inch long spikes of large, rich, crimson, pea-shaped flowers. The roots may be kept in perfect preservation during the winter in a dry cellar covered with soil. Strong roots, 75 cts. each.

Ficus (Rubber Plant)

Australis. A rapid-growing compact, free-branching variety, with small, leathery, dark-green leaves. 4-inch pots, 75 cts. each. Larger plants, $1.00 and $2.00 each.

Elastica. The well-known Rubber Plant. 4-inch pots, 10 inches high, 75 cts. each; 6-inch pots, 20 to 24 inches high, $1.50 each.

Repens. Small dark green foliage of trailing or creeping habit, fine for baskets or covering greenhouse walls. 35 cts. each.

Utilis. Entirely distinct and unlike the popular Rubber Plant, yet possessing the same hardiness. The leaves are thick and leathery, of a rich holly-green, with midrib and principal veins of ivory-white. Strong plants, $1.00 and $2.00 each.

Nitida. A variety with bright green glossy foliage about 2½ to 3 inches long and one-half that wide. Bushy plants, 4-inch pots, 75 cts.; 6-inch pots, $1.50 each.

Fittonia

Trailing plants, with handsome variegated foliage.

Argyroneura. Vivid green, with net-work of pure white veins.

Verschaffelti. Bronzy-green, with pink variegation.

Either of the above, 25 cts. each.

Gardenia Florida (Cape Jessamine)

Beautiful greenhouse evergreen Shrubs, with delightfully fragrant, pure white, waxy flower, blooming from May to July.

Strong 6-inch pots, $1.00; 7-inch pots, $1.50 each.

Genista

Fragrans. A most desirable spring-flowering plant, producing its fragrant, bright, golden-yellow flowers in the greatest profusion. As a window-plant of easiest culture it is unsurpassed. Especially desirable for Easter decoration. Fine plants in 4-inch pots. Flowering size. 75 cts. each.

Four Best Bedding Geraniums

The varieties offered are all semi-double flowering and are the best of their respective colors.

Alphonse Riccard. Bright vermilion scarlet.
Beaute Poitevine. Finest salmon-pink.
Mme. Recamier. Pure white.
S. A. Nutt. Rich, dark crimson.

30 cts. each; $3.00 per doz.; $25.00 per 100.

Heliotrope (Cherry Pie)

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Dreer's Fine Ferns

Adiantum Farleyense Gloriosa (*The Glory Fern*). An easy-growing form of that most beautiful of all Maiden Hairs Adiantum Farleyense. Splendid for the warm conservatory, but not suited for house culture. Good plants in 4-inch pots, $1.00 each.

Adiantum Cuneatum. This is the well-known fine-leaved Maiden Hair variety so extensively used in connection with cut flowers. 3-inch pots, 25 cts. each.

Adiantum Wrighti. A comparatively new variety of the Maiden Hair type with large fronds which are of a particularly rich pleasing green color. A good hardy variety suitable for the house. 4-inch pots, 75 cts. each.

Asplenium Nidus Avis (*Bird's Nest Fern*). We have a splendid lot of this interesting Fern which is well suited for house culture. 5-inch pots, $2.00 each.

Cibotium Schiedei (*Mexican Tree Fern*). One of the most desirable and valuable Ferns for room decoration. 4-inch pots, $1.00 each; 6-inch pots, $2.50 each.

Cyrtomium Rochfordianum Compactum (*Crested Holly Fern*). Next to the Boston Ferns, the Holly Fern is the most satisfactory for apartment use. Foliage of rich glossy dark green, the pinnae or leaflets, besides being wavy or undulated on the edges, are also deeply cut or toothed giving the plant a graceful and light appearance. 2¼-inch pots, 15 cts. each; 3-inch pots, 25 cts.; 4-inch pots, 50 cts. each.

Lomaria Ciliata. An attractive dwarf tree-fern. 2¼-inch pots, 15 cts. each; 4-inch pots, 50 cts. each.

Nephrolepis Bostoniensis (*Boston Fern*). The original type with long graceful fronds. 4-inch pots, 50 cts.; 6-inch pots, $1.50 each. Specimen plants in 8-inch pots, $3.50 each; 10-inch tubs, $7.50 each.

Polypodium Mandaianum Seedlings. Fronds wavy and undulated and of an attractive glaucous-blue color; very hardy house plants. 4-inch pots, 75 cts. each; 6-inch pots, $2.00 each. Specimen plants in 11-inch tubs, $7.50 each.

Pteris Alexandrae. The crested fronds of this pretty variety are variegated with silvery white. 2¼-inch pots, 15 cts.; 4-inch pots, 50 cts. each.

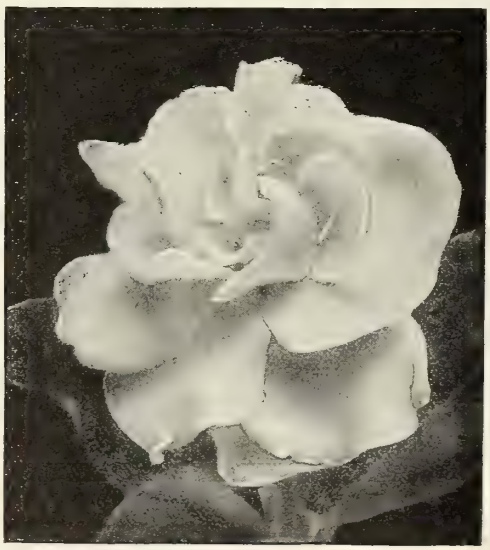
Pteris Rivertoniana. The most desirable of the taller crested forms of Pteris. 2¼-inch pots, 15 cts.; 4-inch pots, 50 cts. each.

Pteris Victoriae. Has narrow graceful foliage of a deep green color elegantly variegated with silvery-white, one of the prettiest of the variegated varieties. 2¼-inch pots, 15 cts. each; 4-inch pots, 50 cts. each.

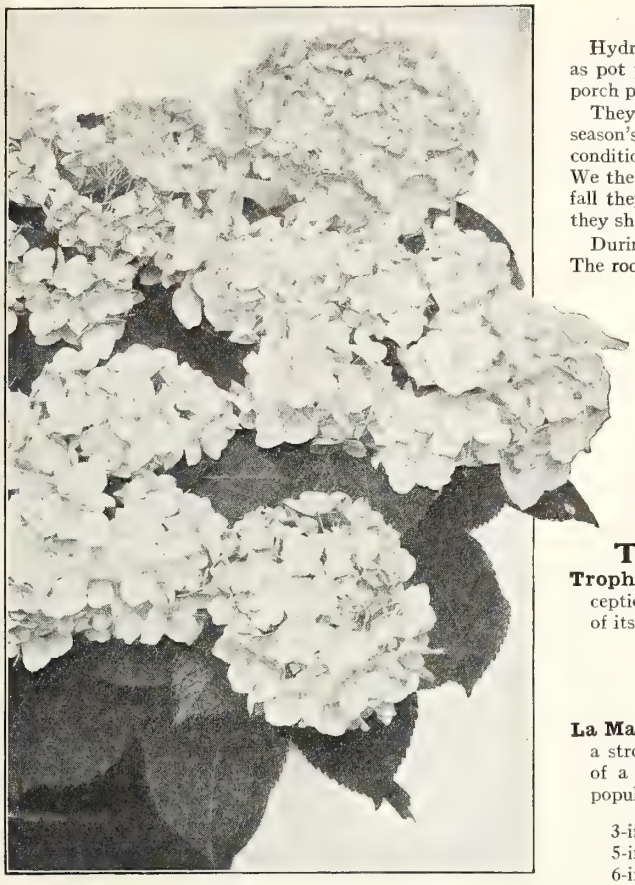
Pteris Wilsoni. Of compact habit, forming a very symmetrical plant. The bright green foliage is beautifully crested. 2¼-inch pots, 15 cts.; 4-inch pots, 50 cts. each.

Ferns for Fern Dishes

We can supply the most desirable varieties for this purpose. 2¼-inch pots, 15 cts. each; $1.50 per doz.; $10.00 per 100.



GARDENIA (Cape Jessamine)



FRENCH HYDRANGEA

Hydrangea Hortensis

Hydrangeas are extensively grown by florists for the spring holidays as pot plants, but they are particularly valuable as garden, lawn and porch plants during the summer.

They produce their flowers from well matured buds of the previous season's growth, which in unfavorable exposures, or under bad weather conditions, may become damaged by even a few degrees of freezing. We therefore recommend tub culture, especially in the North. In the fall they may be placed in a light cool cellar or similar place, where they should be kept as cool as possible without freezing.

During the winter give only enough water to prevent shriveling. The roots will suffer if allowed to get too dry.

If planted and left outdoors in the garden, it is of more importance to protect them from the winter sun, than to keep them from freezing. After freezing weather sets in, some protection should be provided in order that the sun does not strike them while they are frozen.

In some soils the flowers naturally come blue. Occasionally, the plant will bloom blue one season and pink the next, depending on the acidity. An effective method of artificially producing blue flowers is to incorporate with each bushel of soil about ½ pound of alum which should be broken into pieces about the size of a hickory nut.

Three Royal French Hydrangeas

Trophee. One of the favorite forcing varieties on account of its exceptional free flowering habit and the striking watermelon-red color of its blooms.

3-inch pots, $0 35 each; $3 50 per dozen
5-inch pots, 75 each; 7 50 per dozen
6-inch pots, 1 00 each; 10 00 per dozen
7-inch pots, 1 50 each; 15 00 per dozen

La Marne. The largest flowering variety in commerce. The plant is a strong, vigorous grower with immense trusses of very large florets of a glossy rose-pink. It blooms about two weeks later than the popular Otaksa and is particularly desirable on this account.

	EACH	DOZ.
3-inch pots	$0 35	$3 50
5-inch pots	75	7 50
6-inch pots	1 00	10 00
7-inch pots	1 50	15 00

Souvenir de Mme. E. Chautard. Early, free and hardy. A beautiful shade of rose-pink. This is the most satisfactory French variety for outdoor planting; it being as hardy as the popular Hydrangea Otaksa, and in addition blooms from new growth made in spring.

3-inch pots, $0 25 each; $2 50 per dozen
5-inch pots, 60 each; 6 00 per dozen
6-inch pots, 1 00 each; 10 00 per dozen
7-inch pots, 1 50 each; 15 00 per dozen

Select Standard Varieties French Hydrangeas

Avalanche. Very reliable early hardy white.
Coquelicot. Very free vigorous pretty deep carmine.
E. G. Hill. Immense clear pink.
Elmar. Large distinctly fringed deep rosy carmine.
General de Vibraye. Large, bright rose.
Le Progres. Very early pretty pink.
Lilie Mouillere. Beautiful carmine-rose.
Mme. E. Mouillere. Very early pure white.
Souvenir de Lieutenant Chaure. Large-flowered bright pink.
Splendens. Glossy clear red, free and early.
Victoire. An exceptionally fine large clear pink.
Yvonne Cayeux. Vigorous growing pale pink.

3-inch pots, 25 cts. each; $2.50 per doz.; set of 12 varieties, $2.50
5-inch pots, 60 cts. each; $6.00 per doz.; set of 12 varieties, $6.00
6-inch pots, $1.00 each; $10.00 per doz.; set of 12 varieties, $10.00

Double Flowering Hydrangea, Domotoi

This splendid variety possesses all the valuable characteristics of the popular Hydrangea Otaksa, but produces beautiful double florets, which are far more lasting than the single flowers of Otaksa. It will thrive well wherever Otaksa flourishes, and thus prove just as useful for planting under similar conditions.

3-inch pots, 25 cts. each; $2.50 per dozen
5-inch pots, 60 cts. each; $6.00 per dozen
6-inch pots, $1.00 each; $10.00 per dozen

Hydrangeas of Recent Introduction

Blauer Prinz. Medium-sized bright pink flowers, readily changed to blue.
Cendrillon. Bright carmine-rose, free and compact.
Gertrude Glahn. Deep rose, truss and florets very large.
Goliath. Bright rose, very large and vigorous.
Henri Lambert. Very early, large and vigorous, color pale rose.
Lancelot. Nicely fringed deep bright pink.
Lorelei. Upright, compact free flowering bright carmine-red.
Marechal Foch. Very early, compact, large carmine-red.
Mme. Philip de Vilmorin. Dwarf compact rose-pink.
Pasteur. A very substantial pretty pink.
Sensation. An exceptionally attractive early bright pink.
Wilhelm Pfitzer. Sturdy compact grower, very free, light pink.

3-inch pots, 50 cts. each; $5.00 per doz.; set of 12, $5.00
6-inch pots, $1.50 each; $15.00 per doz.; set of 12, $15.00

Hydrangea Otaksa

This is the variety that is used so extensively at the Atlantic seashore resorts, producing immense heads of usually pink but sometimes blue flowers. We have a grand lot of plants specially prepared for summer flowering that will make a handsome display.

	EACH	DOZ.
Young plants in 3-inch pots	$0 25	$2 50
Good plants in 5-inch pots	60	6 00
Strong plants in 6-inch pots	1 00	10 00
Strong plants in 7-inch pots	1 50	15 00

For Hardy Shrub Hydrangeas see page 203

CRAPE MYRTLE

Gerbera Jamesoni (Transvaal or Barberton Daisy)

During the past few years this South African Daisy has been extensively featured by the florists as a cut flower, particularly in late winter and early spring, its graceful flowers of striking beauty have established its popularity, but its value is not only as a winter cut flower, but it is a worthy and novel subject for the mixed border in summer. Planted in a well drained position where it is fully exposed to the sun it will produce its attractive flowers 3½ inches and over in diameter throughout the summer and fall months. The plant is of vigorous growth forming a dense tuft of leaves from the crown of which it sends up in constant succession stout stems 12 to 18 inches long which are terminated with single daisy-like flowers varying in color from blush white, salmon pink to brilliant scarlet which we can supply only in mixture at 75 cts. each; $7.50 per doz.

Double Flowering Gerberas. These are of very recent introduction. We can furnish the double forms in two colors, a Brilliant Rosy Scarlet and a Luminous Coral Red, either color at $1.50 each.

Jasminum Grandiflorum
(Catalonian or Star Jasmine)

This is the old favorite sweet scented variety, a most desirable plant for the window garden producing its attractive white flowers almost continuously. 35 cts. each; $3.50 per doz.

Jasminum Primulinum

Flowers bright yellow similar to the old favorite hardy Jessamine but double the size and develop early in March. An excellent plant for the window garden when trained on a trellis as a pot plant. 25 cts. each.

Lagerstroemia
(Crape Myrtle)

This is one of the prettiest Shrubs, and while hardy south of the Potomac, requires protection in this latitude. Grown in large pots or tubs, specimens 6 to 8 feet high can be produced with little difficulty, and which for two or three months in the summer will be covered with flowers.

Indica. Delicate soft pink.

— Alba. A white-flowered form.

Price. $1.00 each.

Hibiscus Sinensis
(Chinese Hibiscus)

Well-known evergreen tender Shrubs, which may be grown either in pots or tubs, or planted out during the summer. They flower freely during the entire summer, and even in the winter if kept in a light, sunny position in the house.

Aurantiacus. Fine double pure salmon.

Grandiflorus. Very large single rose.

Miniatus Semi-plenus. The finest and most brilliant semi-double, vermilion-scarlet, with flowers 4 inches in diameter.

Peachblow. Large double flowers, of a soft pink, with deeper centre.

30 cts. each; set of 4 sorts for $1.00.

JASMINUM GRANDIFLORUM

English Ivy (Hedera Helix)

Thrifty young plants in 2-inch pots, 15 cts. each; $1.50 per doz.; $10.00 per 100. Large plants, 4-inch pots, 50 cts. each; $5.00 per doz. 5-inch pots, 75 cts. each; $7.50 per doz. 6-inch pots, 5 feet high, $1.50 each. Extra large plants, in 7-inch pots, 6 feet high, $2.50 each.

Trained Specimens English Ivy

Globe-shaped

12 inches in diameter in 6-inch pots, $2.50 each.
14 inches in diameter in 8-inch tubs, $5.00 each.
16 inches in diameter in 10-inch tubs, $7.50 each.

Pyramid-shaped

7-inch tubs, nicely trained, 30 inches high, $5.00 each.
8-inch tubs, nicely trained, 36 inches high, $8.00 each.

Fan-shaped

7-inch tubs, 30 inches high, $5.00 each.

Miniature-leaved English Ivy
(Hedera helix gracilis)

Identical in habit with the English Ivy, but with dark-green foliage not over one-tenth as large, a most graceful vine; 4-inch pots, 50 cts. each; $5.00 per doz.

GERBERA JAMESONI

Dreer's Choice Gladiolus are offered on pages 122 to 124

DECORATIVE PALMS

No collection of plants is complete without Palms. Their bold, majestic, yet graceful foliage lends a grandeur and magnificence that cannot be obtained by any other class of plants, and no decoration, whether in the conservatory, hall or living-room, is complete without them.

Areca Lutescens. One of the most graceful and beautiful Palms in cultivation; the foliage is of a bright, glossy green, with yellow stems.

	Each
3-inch pots, bushy plants, 12 to 15 inches high	$0 50
4-inch pots, bushy plants, 15 to 18 inches high	75
5-inch pots, bushy plants, 18 to 24 inches high	1 50
6-inch pots, bushy plants, 24 to 30 inches high	2 50

Phoenix Roebeleni. The most graceful of the Phoenix, and a Palm which has become one of the most popular for room decoration. The plant is of vigorous growth, and its gracefully, recurving leaves, with very narrow dark green pinnae give it a lightness and airiness not surpassed, if equaled, by Cocos Weddeliana; at the same time it is as hardy as a Kentia, succeeding admirably as a house plant.

	Each
3-inch pots, fine young plants	$0 50
4-inch pots, fine young plants	1 50
5-inch pots, specimen plants	2 50
6-inch pots, specimen plants	3 50
7-inch tubs, strong plants	5 00
8-inch tubs, splendid plants	7 50

Cocos Weddeliana

Phoenix Roebeleni

Cocos Weddeliana. The most graceful and elegant of all Palms. Its slender, erect stem is freely furnished with its gracefully arching leaves, of a rich green color. The sizes offered are admirable for fern dishes. Young plants in 2¼-inch pots, 35 cts. each; 3-inch pots, 12 inches high, 75 cts. each.

Kentia Belmoreana. The Kentias are the hardiest Palms in cultivation. They are of slow growth, and are less affected by the dust and dry atmosphere of the house than any others. The variety here offered is of dwarf, spreading habit, with fine rich, dark green foliage.

	Each
3-inch pots, 12 inches high	$0 50
4-inch pots, 15 inches high	1 00
5-inch pots, 20 inches high	2 00

Kentia Forsteriana. This splendid variety is very similar to K. Belmoreana, but of stronger growth, with broader, heavier foliage.

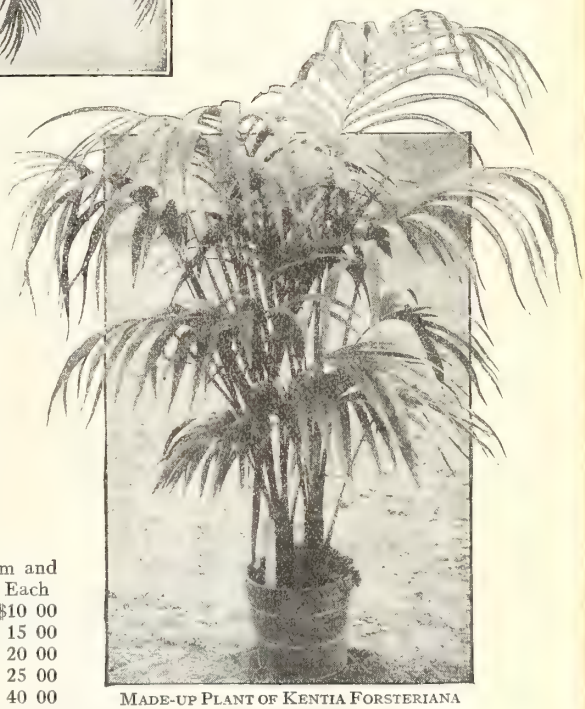
	Each
3-inch pots, 12 inches high	$0 50
4-inch pots, 15 inches high	1 00
5-inch pots, 24 inches high	2 50
6-inch pots, 30 inches high	4 00
7-inch pots, 36 inches high	5 00

Kentia Forsteriana (*Made-up Plants*). These are specimens made by planting several plants together; very useful decorative specimens.

	Inches high	Each	Tubs	Inches high	Each
5-inch pots	20	$2 50	8-inch	45	$15 00
6-inch pots	30	4 00	10-inch	48	20 00
7-inch tubs	36	7 50	10-inch	54	25 00
7-inch tubs	40	10 00	12-inch	60	35 00
8-inch tubs	42	12 50	12-inch	66	50 00
			14-inch	72	75 00

Phoenix Canariensis. We have a nice stock of this useful decorative Palm and offer as under:

	Each
10-inch tubs, 36 to 42 inches high	$10 00
12-inch tubs, 42 to 48 inches high	15 00
12-inch tubs, very heavy, 54 inches high	20 00
12-inch tubs, very heavy, 60 inches high	25 00
14-inch tubs, fine specimens, 6 feet high	40 00



Made-up Plant of Kentia Forsteriana

NOTE—Plants will be sent by Parcel Post if remittance is made to cover postage and special packing as noted on the order blank and inside front cover of this catalogue. Palms above four inch pots are not mailable

PASSIFLORA PFORDTI

Double Pink Oleanders (Nerium)

We have a lot of splendidly trained tree-shaped plants of this old favorite, which will produce a mass of flowers during the summer; the plants are growing in wooden tree tubs about 15 inches in diameter; they have strong, straight trunks 3 feet high and nicely shaped round crowns 30 inches in diameter; an exceptionally fine lot of flowering decorative plants. $15.00 each. Young plants, 4-inch pots, 75 cts. each.

Variegated Leaved. Foliage attractively edged with creamy-white, single pink flowers; 4-inch pots, 75 cts. each.

Olea Fragrans (Sweet Olive)

An old favorite greenhouse Shrub succeeding admirably as a house plant, producing small creamy-white flowers of the most exquisite fragrance, continues to bloom almost the entire winter. 4-inch pots, $1.00 each.

Ophiopogon (Lily Tuft)

Jaburan Variegatus. A pretty variegated foliage plant, useful either as a pot plant for the window or for planting out in summer; its narrow dark green foliage is prettily striped with gold, and during July and August, spikes of blue flowers add to its beauty. 75 cts. each.

Pandanus (Screw Pine)

Veitchi. One of the finest decorative plants for the house, graceful foliage, broadly striped with cream-white on a green ground. 4-inch pots, $1.00; 6-inch pots, $1.50; 7-inch tubs, $3.50; 8-inch tubs, $7.50; 10-inch tubs, $10.00 each.

Passiflora (Passion Flower)

Pfordti. The best variety for outdoors as a summer climber; flowers light blue, suffused with rose and borne quite freely. 50 cts. each.

Princeps. This is one of the best greenhouse climbers, a rare and showy variety with bright red flowers. $1.00 each.

Dreer's Superb Single-fringed Petunias

Our own strain of the finest large-flowering single-fringed sorts of this useful bedding plant, and invaluable for porch and window boxes, flowering continuously from early in the summer till frost. Ready May 1st. 15 cts. each; $1.50 per doz.; $12.00 per 100.

Plumbago

Capensis. Flowers at all seasons. A fine plant for pot culture or the border; producing spikes of pretty, light blue flowers.

Capensis Alba. A white flowered form of above.

Coccinea Superba. Long spikes of showy satiny carmine flowers; a fine pot plant for the window garden.

Price. Any of the above, 25 cts. each; $2.50 per doz.

Pennisetum (Fountain Grass)

Tender ornamental Grasses, valuable either as individual specimens in the garden or for massing, while as border plants for beds of Cannas or Caladiums nothing equals them.

Macrophyllum Atrosanguineum (*Crimson Fountain Grass*). Foliage gracefully recurved of a pleasing dark metallic, coppery-bronze and tawny crimson plumes, attains a height of about 4 feet. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Cupreum. Similar in the dark coppery-bronze color of its foliage to the variety above, but with much narrower leaves; grows about 3 to 3½ feet high. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Rueppelianum (*Purple Fountain Grass*). Grows about 3 feet high, producing long, graceful green foliage and purplish plumes. Ready in May. 20 cts. each; $2.00 per doz.; $12.00 per 100.

Pentstemon Gloxinioides

As bedding plants these rank in importance with Petunias, Phloxes, etc. They grow about two feet high, bearing 10 to 12 inch long spikes of Gloxinia-like flowers throughout the summer, We offer a fine strain of large-flowered varieties in choicest mixture. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Salvia Splendens "America"

(Scarlet Sage)

This is the finest of all the Scarlet Sages, being the earliest, freest and most continuous bloomer. It is also the most uniform in habit of growth. One of the most effective bedding plants in cultivation. Ready May 1st.

20 cts. each; $2.00 per doz.; $15.00 per 100.

Sanseveria

Zeylanica Laurenti. This variety, in addition to the variegation shown in the ordinary sort, has a band of creamy yellow varying from ¼ to ½ inch on each edge of the leaves, which adds greatly to its decorative effect. 4-inch pots, $1.25 each; 5-inch pots, $2.00 each.

Stephanotis

Floribunda. One of the most charming hothouse climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white, deliciously fragrant flowers. $1.00 each.

Stigmaphyllon Ciliatum

(Brazilian Golden, or Orchid Vine)

One of the prettiest tender climbers in cultivation, with large yellow, orchid-like flowers, produced very freely during the summer months. It is especially adapted for training over the pillars or on the wall of a conservatory, but will do equally well in the open air. 50 cts. each.

Thunbergia

Harrisi. A splendid winter-flowering greenhouse climber, with showy light-blue flowers with creamy-white throat. 35 cts. each; $3.50 per doz.

Zinnias

(Youth and Old Age)

Dreer's Giant Double. An extra large flowering strain of this popular summer-flowering annual, growing about 3 feet high, with colossal flowers in a great variety of colors. Mixed colors, ready May 10th. 15 cts. each; $1.50 per doz.; $12.00 per 100.

SANSEVIERIA ZEYLANICA LAURENTI

Dreer's Choice Gladiolus are offered on pages 122 to 124

DREER'S SPECIALLY PREPARED

ROSES FOR THE GARDEN

While our old customers are familiar with the high grade of Roses which we send out, we wish to direct the attention of those who have never planted our stock, to the manner in which these plants are prepared. All our Roses are field-grown and in fall are carefully dug, planted in pots and stored in cold greenhouses or cold frames, where artificial heat is used only to exclude the most severe frost. During the latter part of March or before the first of April, these potted plants are moved to beds in the open air where they receive no further protection. Under this treatment the plants develop in a natural way and are not only superior to stock which has been developed into full growth under glass, but also better for spring planting, than plants which have been carried in cellars or in cold storage, under any method known to us.

Our Roses are all strong two-year-old American-grown, budded or grafted, and while some planters prefer stock grown on their own roots on account of the possibility of budded plants developing wild shoots, this will rarely occur if the deep planting as directed in our cultural notes is followed. Much can be said in favor of budded plants, they being more vigorous, producing finer blooms, coming into bearing sooner, and are as permanent and hardy as those on their own roots, while many of the very finest varieties will not succeed at all when grown on their own roots, and preference is given to budded plants by all who have had experience with the different classes.

CULTURAL NOTES ON ROSES. We have prepared a leaflet giving full and concise directions on the planting and care of Roses; mailed free on request.

New Hybrid-Tea Rose, Miss Rowena Thom

Four Valuable New American Roses

Mrs. Erskine Pembroke Thom (Howard & Smith, 1926). The best yellow bedding Rose we have today. It is of clean healthy vigorous growth with abundant dark bronzy disease-resisting foliage and a continuous free bloomer throughout the season. The good-sized buds are long and shapely and develop into full double very shapely flowers of a rich deep lemon yellow sweetly scented. $1.25 each.

Miss Rowena Thom (Howard & Smith, 1928). In vigorous habit of growth, its adaptability to varied climatic conditions, it equals the popular Radiance Roses, but its flowers are of much larger size, frequently 5½ inches in diameter, equal to the best recent introductions and all of which it will outclass in freedom of flowering. Its buds are long and shapely, opening to perfect double flowers of a brilliant rose-pink, the base of the petals having a golden suffusion which as the fragrant flowers unfold, adds to the brilliancy of its coloring. $1.50 each.

President Hoover (L. B. Coddington, 1930). A glorious Rose, wonderfully free in the easy manner in which it grows and charming in its color arrangement which is a splendid combination of cerise-pink, flame, scarlet and yellow; this combination of colors gives the most dazzling color effect imaginable. The buds are beautifully pointed, the flowers large, composed of broad thick heavy petals, with an exquisite fragrance. It is exceptionally free flowering and everyone will be delighted with its habit of growth. Awarded the Gold Medal at the International Flower Show in New York, 1929. $2.50 each.

Talisman (Montgomery Co., 1929). The Rose which created a sensation in all shows during 1928 and 1929 and which was awarded more Gold Medals than any other American Rose yet introduced including the President Coolidge Medal in 1928. It is a most remarkable piece of coloring; a combination of shadings of gold, apricot, yellow, deep pink and old rose. The bud is long, well formed and develops into full double flowers. The plant is a strong grower, with glossy green foliage and free flowering, and the past season has demonstrated its value as a bedding Rose. $2.00 each.

New Hybrid-Tea Rose, Mrs. Erskine Pembroke Thom

SPECIAL OFFER. We will furnish one strong plant each of the Four New American Roses for $6.50

The Dreer "Gold Medal Dozen"

New Hardy Everblooming Hybrid-Tea Roses

New Hybrid-Tea Rose, Margaret McGredy

The wonderful advance made during recent years in this popular type of Rose is well exemplified in this collection of twelve varieties of outstanding merit of recent introduction, and we especially recommend this Gold Medal Dozen as a desirable up-to-date addition to the thousands of our patrons who now have the Dreer Dozen growing in their gardens.

Lady Margaret Stewart. A Rose of unique color, the flowers in the young stage are a deep sunflower yellow heavily veined, splashed with orange-scarlet, reverse of the petals deeply suffused with carmine as the flowers develop these colors intermingle forming a beautiful cadmium orange effect. The bud is long and pointed, opening to a full double flower, of pleasing decorative form of delightfully sweet scent. See illustration, page 147. $1.50 each.

Mrs. A. R. Barraclough. A most distinct and valuable Rose, of a bright but soft sparkling carmine-pink of even tone that passes to yellow at the base of the petals; this attractive color does not fade as the flower ages, but if anything becomes richer and brighter. The bud is long pointed and develops into a full double flower of model form and substance; very fragrant. See illustration, page 149. $1.00 each.

Norman Lambert. A distinct color combination that is novel. The outside of the petals is a deep chrome yellow with a marginal color effect of brilliant orange scarlet merging to an irregular zone of burnt orange, the inside salmon-orange suffused bronze, shading to yellow at the base. The flowers are of medium size and form, delightfully fragrant and free-flowering. A splendid bedder. $1.50 each.

Patience. One of the finest Roses of recent introduction. Its splendid long pointed buds are of a deep scarlet carmine opening to large fragrant double perfect blooms that shade from orange at the base of the petals to rich carmine at the edges. It is of strong robust habit and extremely free flowering for a Rose of its large size. See illustration, page 146. $1.50 each.

Rev. F. Page Roberts. A Rose of remarkable beauty both in form and color. The long pointed buds are of a coppery-red stained red on the outside and open to good full double fragrant flowers of a golden-yellow particularly high colored in late summer and fall. The plant is of vigorous branching habit with beautiful foliage. $1.50 each.

Charles P. Kilham. A brilliant, distinct and striking novelty. The buds are long pointed of perfect shape, opening to high centered double flowers of rich and brilliant Oriental red, flushed with orange and glowing scarlet. A vigorous grower; very free flowering and sweetly tea-scented. See illustration, page 140. $1.50 each.

Dame Edith Helen. Perfect buds developing into wonderful flowers of immense size are produced singly on well-foliaged strong canes. The flowers are composed of very substantial broad petals which curl back prettily forming a glorious long pointed bud and a full double flower which is beautiful in every stage of development. Color a brilliant yet soft Rose du Barri pink; strongly sweet-scented. $1.00 each.

Duchess of Athol. The coloring of this new variety is uncommon and delightful, an old golden orange flushed with peach pink, particularly attractive in the bud and open state, growth vigorous, a continuous profuse bloomer. See illustration, page 141. $1.50 each.

Golden Dawn. A magnificent new Rose with which we have been most favorably impressed, an ideal garden Rose of an exquisite light lemon yellow color. Its buds are of an ovoid form, heavily splashed with crimson before opening and develop into splendidly shaped full double moderately fragrant flowers. See illustration, page 141. $1.50 each.

Julien Potin (*The Golden Pernet*). Unquestionably the most gorgeous and brilliant yellow Rose yet introduced, a rich golden yellow that grows richer and deeper as the flowers mature. The buds are long and shapely and develop into large, full flowers of beautiful form, delightfully sweet-scented. See illustration, page 148. $1.50 each.

Lady Florence Stronge. Distinct and novel color; a reddish prawn to violet old rose shading to yellow at the base and pink towards the edge, the inner surface of the petals heavily veined and flushed scarlet, the flowers are large, full with high centres and fragrant. $1.00 each.

Margaret McGredy. We consider this a masterpiece of McGredy's. Large brilliantly-colored double flowers of an entrancing shade of rich Oriental red, passing to carmine-rose, lasting a long time. The plant is of vigorous bushy habit, very free flowering; light spicy fragrance. $1.00 each.

New Hybrid-Tea Rose, Norman Lambert

We will supply one strong two-year-old plant each of the Gold Medal Dozen for $15.00

THE "DREER DOZEN"

Hardy Everblooming Hybrid-Tea Roses

For many years it has been customary for us to offer under this heading only the best and most popular varieties of Hybrid-Tea Roses. The collection offered this season has been carefully revised and the selection has been made based on careful observations made in our own trials and in various parts of the country as well as from favorable reports received from satisfied customers.

We recommend this collection for general planting to the amateur who wishes a limited number of varieties, and who is desirous of a supply of extra choice flowers to cut throughout the season. Those who desire a more extensive collection can select with perfect confidence any variety in our collection of Hybrid-Tea Roses. There is not one individual sort which we cannot endorse as possessing superior merit, all having been thoroughly tested.

Hybrid-Tea Rose, Sir David Davis

Sir David Davis. As this variety has shown up in the fields during the past two seasons, we do not hesitate to select it as one of the best red bedding Roses. Color, an unfading deep glowing crimson of an even shade throughout running to light yellow at the base of petals. The flowers are of good size, pointed and of good form with large, heavy petals and strongly sweet scented.

Ville de Paris (*City of Paris*). A very distinct rich buttercup yellow without a trace of any other color, retaining its richness under all weather conditions. In formation it is somewhat similar to Radiance, fairly double and splendid for cutting. Habit upright, and tall, a profuse bloomer. Awarded much-coveted Gold Medal at the trials at Bagatelle Rose Gardens, Paris.

Betty Uprichard. A pretty combination of colors, inner face of petals delicate salmon-pink to carmine, outside glowing carmine with coppery sheen and orange suffusion; well-formed medium sized flowers of good substance and sweet scented.

Duchess of Wellington. Long shapely buds, with petals of great substance, color an intense saffron-yellow stained deep crimson, delightfully fragrant and very free flowering.

Imperial Potentate. The beautifully-shaped long buds develop into large double sweet-scented flowers of glistening rose-pink with silvery suffusion at base of petals. Growth vigorous, upright and very free flowering.

Mme. Butterfly. Beautiful buds and flowers, light soft pink tinted yellow at base of petals, very free and highly scented.

Mme. Edouard Herriot (The Daily Mail Rose). In color its buds are coral-red, shaded with yellow at the base, the open flowers of medium size, semi-double, are of a superb coral-red, shaded with yellow and bright rosy-scarlet passing to shrimp-red. A wonderful color combination.

Mme. Jules Bouche. While not a pure white, it being at times slightly tinted with blush at the centre, it is to all intents white and without question the best white everblooming bedding Rose yet introduced. The flowers are large, quite double and of splendid form, both in the bud as well as in the fully expanded flower; it is fragrant, a vigorous grower and very free flowering.

Mrs. Charles Bell. Similar in habit to Radiance with splendid buds and flowers of fine globular form, of a lovely shell-pink color with salmon shadings, sweetly scented.

Mrs. Henry Bowles. One of the best bedding varieties grown, always in flower and perfect in every stage of development. In color it is of an intense brilliant pink with lighter salmon pink shadings. A model Rose in every way. See colored illustration, page 147.

Radiance. An ideal bedding Rose of American origin that continues to produce its large fragrant flowers throughout the most unfavorable hot summer weather when frequently many other varieties fail; in color a brilliant carmine-pink, with salmon-pink and yellow shadings at the base of the petals; truly a Rose for every garden.

Red Radiance. A counterpart of Radiance from which it is a "sport," possessing all the good traits of that valuable variety but differing in color which is a bright cerise-red.

Hybrid-Tea Rose, Ville de Paris (City of Paris)

PRICE. Any of the above in strong two-year-old plants, $1.00 each; $11.00 per doz.; $90.00 per 100. Twenty-five or more plants supplied at 100 rate. One each of the "Dreer Dozen," a fine collection, for $11.00.

This Year's New Hybrid-Tea Roses

Introductions of The Rose World's Most Noted Specialists

We offer this season the greatest and choicest collection of really worth while new varieties that we have ever had the pleasure of offering at one time, representing the best efforts of the World's leading Rose hybridizers and showing the most wonderful advance yet made in the Rose family.

Varieties offered on this and following pages represent the cream of novelties of recent years, many of them varieties which are now offered for the first time, and in many instances sorts of which we have exclusive control in the United States and Canada this season.

Abol (F. Evans, 1927). An exceptionally vigorous growing, very free-flowering, new white. No other white variety, and for that matter, very few colored varieties, have such a delightful sweet perfume as this novelty. In the bud stage and before the flowers are fully expanded, the centre petals are sometimes tinted with pink on the edges of the petals, passing to pure white as the flowers develop. A good shapely bud and full, double, well formed flower, produced very freely on long upright stems with very few thorns. $1.50 each.

Adele Crofton (Alex. Dickson & Sons, 1928). The buds, which are of unusual length, expand very slowly and hold their splendid form for a long time. The buds, as well as the young flowers, are of an intense cadmium yellow, overlaid with scarlet-orange with the back of the petals frequently shaded vermilion. The opening flower as it develops tones down in color to a rich apricot yellow. The plant is of moderately vigorous, clean growth and carries its flowers on good rigid stems. $2.50 each.

Advocate (Alex. Dickson & Sons, 1928). A meritorious, rich crimson bedding variety, with very long pointed buds, developing to a full, shapely flower composed of large deep petals set in high spiral formation. Growth strong and vigorous, forming a bush of best bedding type, free and perpetual flowering and carrying its blooms, which are exceptionally fragrant, erect on stiff wiry stems. $2.50 each.

Charles P. Kilham (Beckwith & Sons, 1926). A brilliant, distinct and striking novelty which we know will appeal to and please every Rose lover. The buds are long pointed of perfect shape, opening to high centred perfectly formed full double flowers of a rich and brilliant Oriental red, flushed with orange and glowing scarlet. A vigorous grower; very free flowering and sweetly tea-scented. Awarded Gold Medal National Rose Society of England, Spring, 1927. $1.50 each.

Cuba (Pernet-Ducher, 1926). As a bedding Rose for brilliant mass effect we know of nothing that will equal this French introduction and although the flowers are semi-double, they possess a charm and brilliancy in color which is an entirely new tone in Roses, a glorious bright vermilion-scarlet overlying an orange ground, this color combination is so intense that in full sunlight it glistens with an iridescent sparkle. A vigorous grower with dark green foliage which makes a splendid foil for the masses of richly colored blooms that it produces from spring to late fall. $1.00 each.

Dr. Edward Deacon (Morse & Son, 1926). A variety that will charm every lover of a real good Rose. Its color is fascinating, the margin of the petals being a delicate tint of shrimp pink gradually merging to a deep salmon-orange towards the base of the artistically reflexed petals, forming a fine, very full flower, that has good lasting qualities. The habit of the plant is ideal, upright, strong and free flowering, with very healthy foliage. $1.50 each.

Dainty Bess (Archer, 1925). An appropriate name for a daintily colored and well formed single flower, 3½ inches in diameter composed of delicately crinkled and wavy petals of a pleasing shade of shell pink with a conspicuous bunch of crimson stamens. The flowers last well when cut and are charming when displayed in individual vases. A strong vigorous grower and profuse flowering, the flowers being produced on strong branching stems. Awarded the Gold Medal of the National English Rose Society in 1925. $1.50 each.

New Hybrid-Tea Rose, Charles P. Kilham

Twenty-five or more Roses will be supplied at 100 rate, which is ten percent less than the each price

This Year's New Hybrid-Tea Roses—Continued

Introductions of The Rose World's Most Noted Specialists

New Hybrid-Tea Rose, Golden Dawn

Gaiety (E. G. Hill Co., 1926). Buds long and pointed, developing to a large shapely semi-double, cupped, lasting flower composed of ruffled petals which as they unfold show various shades of orange, Indian red, yellow, and pink or fawn. The plant is of strong branching habit, with good healthy foliage and very free. $1.50 each.

Gladys Benskin (Alex. Dickson & Sons, 1929). Large long pointed buds and high centred full flowers, well built, with heavy, broad, slightly serrated petals. Color very distinct, the reverse of the petals salmon cerise over golden yellow, with deep yellow veining, inside bright rose cerise shaded orange, with deeper orange shaded base and very rich fruity fragrance. Vigorous, hardy, free branching upright habit, very free and perpetual flowering. Awarded Certificate of Merit National Rose Society of England. $2.50 each.

Golden Dawn (P. Grant, 1929). A magnificent new Rose of Australian origin with which we have been most favorably impressed during the past two years and in which we believe we have an ideal garden Rose of great merit of an exquisite light lemon yellow color. Its buds are of an ovoid form, heavily splashed with crimson before opening and develop into splendidly shaped full double fragrant flowers. The plant is of strong, vigorous branching habit, with large glossy healthy foliage, very free flowering $1.50 each.

Impress (Alex. Dickson & Sons, 1920). A novelty which on account of its coloring and its perfectly formed large double flower, will please every Rose lover. The ovoid buds when first unfolding are cardinal red with orange suffusion and develop into very large, full double very perfect blooms that last in good shape and which are of a pretty salmon-cerise color suffused with a luminous golden sheen. The plant is a strong vigorous upright grower with dark green glossy foliage and exceptionally free and continuous flowering. Delivery of this variety will be made after March 1st. $2.50 each.

Dorina Neave (Pemberton, 1926). A meritorious bedding Rose of a delightful silvery pink with large, full, pointed, globular, fragrant flowers carried erect on stiff stems. Plant of strong, bushy, compact habit. $1.50 each.

Duchess of Athol (Dobbie & Co., 1928). The coloring of this new variety is uncommon and delightful, an old golden orange flushed with peach pink, particularly attractive in the bud and open state, growth vigorous, a continuous profuse bloomer. Awarded Certificate of Merit by the National Rose Society of England. $1.50 each.

Edith Nellie Perkins (Alex. Dickson & Sons, 1928). A new combination of colors, cream and blush as a bud, when the guard petals open they disclose a perfect pointed flower of rich carmine pink. The inside of petals are flesh with a golden suffusion, running to pure gold at the base of the petals; a very striking bloom. The flowers come singly on long canes on a very vigorous plant. Spicy fragrance. $1.50 each.

Everest (Easlea & Sons, 1927). One of the largest Roses yet raised, buds large, perfectly shaped, flowers of immense size with long broad petals of firm texture, fragrant ivory-white with creamy suffusion and when fully developed resemble a large Peony borne on long stems. While awarded a Gold Medal by the National Rose Society of England in 1927 as a Hybrid-Tea, it has the characteristics of a most vigorous growing Hybrid-Perpetual and is admirably adapted to grow as a pillar Rose. $1.50 each.

Frank Reader (Verschuren, 1927). A large massive flower with high pointed centre with nicely reflexing petals of great substance, the long buds in first developing are a light lemon-yellow, while the flowers in their half-expanded form reveal a heart of golden apricot; it has a delicious rose apple scent. A vigorous grower and free bloomer. $1.00 each.

New Hybrid-Tea Rose, Duchess of Athol

Twenty-five or more Roses will be supplied at 100 rate, which is ten percent less than the each price

This Year's New Hybrid-Tea Roses—Continued

Introductions of the Rose World's Most Noted Specialists

New Hybrid-Tea Rose, Dr. Edward Deacon. See page 140.

James Gibson (McGredy, 1928). A glorious glowing crimson-scarlet with velvety sheen, imparting a lustrous radiance to the large, full, beautifully formed flowers of which every bloom develops to perfection. Its habit of growth is as near perfect as could be desired, being free, bushy, upright and vigorous and the flowers which are borne profusely all the season, are carried erect on long stems with good disease resistant foliage. A brilliant Rose of exceptional beauty. $2.50 each.

Jules Gaujard (Pernet-Ducher, 1928). Distinct and beautiful, the large, well-formed double flowers on first opening are of a glistening cochineal crimson which, as they fully develop, passes to a pretty shade of orange-rose. It is of strong, vigorous, branching habit, very free flowering and a variety that we are convinced will become a greatly admired garden Rose. $1.50 each.

Lady Barnby (Alex. Dickson & Sons, 1930). Another beautiful Dickson Rose that will not be distributed by the originators in Europe until the middle of June. We feel fortunate in being in position to offer a limited stock of strong plants for delivery this spring. It produces splendidly formed flowers very much on the type of Mrs. Henry Bowles a variety that is a favorite with us, it being one of our most reliable bedding varieties, but Lady Barnby differs in color, it being a lovely shade of clear rose pink. The plant is of excellent habit, strong vigorous growth and very free flowering and sweetly scented. Delivery of this variety will be made after March 1st. $2.50 each.

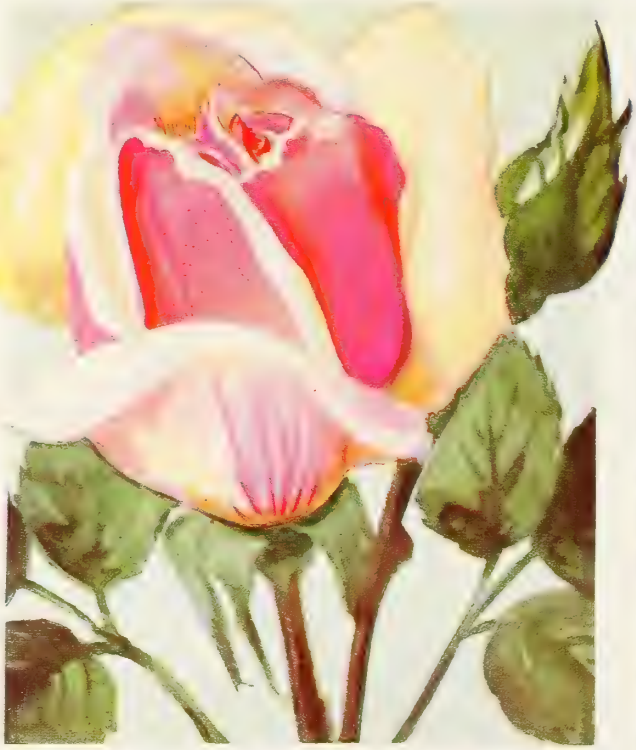
Lady Mary Elizabeth (Alex. Dickson & Sons, 1927). A variety of outstanding merit that will be appreciated in the garden and for cutting. The plant is of strong vigorous, upright, branching habit with good healthy foliage and very prolific flowering. The delightfully fragrant flowers are carried on long stiff stems, the buds are very shapely, long pointed, and open to blooms of moderate fullness, with broad deep substantial petals, in color a brilliant deep carmine-pink without shading. $1.50 each.

Lady Leslie (McGredy, 1929). Some modern critics lament the absence of fragrance at the expense of vivid colors, but in the beautifully formed good sized flowers of Lady Leslie we have a combination of sweetest fragrance and brilliancy in coloring. In the early stages the flowers are rosy scarlet which, as they develop, passes to scarlet-carmine suffused with saffron yellow on a yellow base, a warm glowing color combination. The plant is of ideal bedding type with free upright bushy growth and healthy dark foliage. Certificate of Merit National Rose Society of England. $2.50 each.

Marion Cran (McGredy, 1927). The color combination is wonderful. In the young stage the color is deep buttercup-yellow, margined and flushed cerise and rosy-scarlet. As the flower opens the outside of the petals retain their color, while the inner side opens a brilliant geranium scarlet flushed and veined orange and yellow; as the flowers age the color changes to a deep cerise on bright rosy-scarlet flushed buttercup-yellow. The whole flower glows and has a wonderful sheen. The flowers are full, of nice form, and medium to fairly large in size. The habit is bushy, free, and upright; one of the freest and most perpetual flowering garden and bedding Roses. $1.50 each.

May Wettern (Alex. Dickson & Sons, 1928). A magnificently formed bud and flower of moderate fullness and artistic coloring. The flowers are composed of immense, deep, wide petals of very solid texture, their formation making a beautifully built long bud and high pointed flower, in which the inner face of the petals evolves from a bright salmon pink in the bud to deep flesh pink, then to bright pink in the more developed flower; the outer side passes from deep rose to rosy pink and finally to bright rose; the blending of these tones creating a wonderful color harmony, very free and sweet scented. Gold Medal English Rose Society. $1.50 each.

J. Otto Thilow (Verschuren, 1927). A rich glowing rose-pink of exceptional merit with long pointed buds, as the flowers expand, the petals reflex forming a beautiful large double high centred flower. $1.00 each.



New Hybrid-Tea Rose, Edith Nellie Perkins. See page 141.

Twenty-five or more Roses will be supplied at 100 rate, which is ten percent less than the each price.

This Year's New Hybrid-Tea Roses—Continued

Introductions of the Rose World's Most Noted Specialists

NEW HYBRID-TEA ROSE GLADYS BENSKIN. See Page 141.

Mme. Henri Queuille (Pernet-Ducher, 1929). This splendid Rose in the formation of its large, full flowers, strong, vigorous, healthy growth and freedom of flowering reminds one of the same raiser's popular bedding variety, Souvenir de Georges Pernet, excepting in color which is much lighter, being a pretty shrimp or coral pink on an orange-copper base. $1.50 each.

Marquise d'Andigne (Leenders Bros., 1927). Buds large, long pointed, developing to very large, very full, double, long lasting, fragrant, velvety scarlet-crimson flowers borne singly on long strong stems. Growth very vigorous, bushy and a profuse bloomer with dark green healthy foliage. Awarded Gold Medal at Saverne. $1.50 each.

Mevrouw G. A. Van Rossem (Van Rossem, 1926). A marvelously beautiful Rose with a unique color combination not found in any other variety, a most striking blending of dark vivid orange and apricot on a golden yellow ground with frequently touches of bronze on the reverse of the petals. The sweet-scented flowers are very large, of perfect formation both in the bud as well as in the fully developed flower and are produced very freely on vigorous upright growths. Gold Medal at The Hague and Certificate of Merit with Congratulations of the Jury of the Royal Dutch Horticultural Society. $3.00 each.

Mrs. Beatty (Cant, 1926). An exquisite self-colored light lemon-yellow with the delightful perfume of the old favorite Marechal Niel. Habit of growth good, with disease-immune foliage, always in flower with large, long, oval-pointed buds. A Rose that is destined to become a popular favorite. $1.50 each.

Mrs. Lovell Swisher (Howard & Smith, 1926). A remarkably vigorous grower of branching habit, well furnished with excellent foliage, freely producing perfectly formed long shapely buds with nicely reflexing petals that develop into good double flowers. The color of the buds is a deep coppery salmon at base merging to salmon-pink at the tips. The developed flowers are also salmon-pink, deepening towards the centre. Delightfully tea-scented. $1.00 each.

Mrs. Sam McGredy (McGredy, 1929). The following is an extract of Messrs. McGredy's description of this beautiful new variety: "The color is quite distinct from anything yet seen in Roses, a wonderful dual combination of vivid shades. A beautiful scarlet coppery-orange is heavily flushed with Lincoln-red on the outside of the petals, and these colors together give a rich and almost dazzling effect. The flowers are of large size and beautiful form, and they possess the proper fullness to make them useful for all purposes. They are very freely produced and delicately perfumed. The plant has a vigorous and exceptionally free habit and is for all Rose growers the best all-purpose variety we have raised." $3.00 each.

Mrs. W. E. Nickerson (McGredy, 1927). An extremely vigorous growing, very free-flowering Rose. The splendidly-formed buds are of an entrancing new color, the exterior of the petals heavily veined with rose d'or and shaded orange-cadmium, the interior a deep chrome-yellow on the lower half passes to a warm rich rosy-salmon. $1.00 each.

Patience (McGredy, 1927). One of the finest Roses of very recent introduction. Its splendid long pointed buds are of a deep scarlet carmine opening to large fragrant double perfect blooms that shade from orange at the base of the petals to rich carmine at the edges, and extremely free flowering. $1.50 each.

Portadown (McGredy, 1928). Messrs. McGredy are most enthusiastic in their praise of this new deep crimson with velvety sheen which they describe as having large, full beautifully formed flowers. Habit vigorous and bushy, a continuous free bloomer. Certificate of Merit National Rose Society, England. $2.50 each.

NEW HYBRID-TEA ROSE, MARION CRAN. See page 142.

Twenty-five or more Roses will be supplied at 100 rate, which is ten percent less than the each price.

This Year's New Hybrid-Tea Roses—Continued

New Hybrid-Tea Rose, Portadown Bedder

Portadown Bedder (McGredy, 1929). This is one of the brilliant Roses that makes an instant appeal by its charming combination of unusual colors. The petals are orange-yellow on the outside, with a rich cerise flush that deepens towards the edge, and inside there is a suffusion of glowing scarlet-cerise on an orange ground, the blend of colors giving a warm tone to the whole flower. They are very freely and continuously produced and are fragrant. Certificate of Merit of National Rose Society, England. $2.50 each.

Portadown Ivory (McGredy, 1929). There are few light colored Roses that possess a long spiral form in the bud stage, and large, well formed, fully developed flowers of thick petalage and good lasting qualities, all of which are combined in Portadown Ivory. Its color is a creamy white of soft and delicate tone that merges into a light yellow base, is free and perpetual flowering. Gold Medal of National Rose Society of England. $2.50 each.

President Jac Smits (Verschuren, 1928). For brilliancy in color, a rich velvety crimson-scarlet, exceptionally long pointed buds of ideal shape, held gracefully on long straight stems and produced most generously, we know of no other variety that is its equal, but having only 18 to 20 petals, usually arranged in three rows, the flowers expand very quickly, showing the golden stamens, but even in its fully expanded form its brilliancy of color is unequaled by any other variety of this type. $1.50 each.

Rudolph Valentino (Pernet-Ducher, 1929). The latest of Mr. Pernet's introductions. Altogether different from any other Rose, both in coloring and formation, the very large full flower which is informally, but artistically arranged, is of a lively shade of shrimp pink or coral-red with a golden coppery suffusion which is heightened by the reflection from the golden base and reverse of the petals. Habit vigorous, free and continuous flowering and delicately scented. $2.50 each.

SPECIAL OFFER. We will supply 1 strong plant each of the 40 varieties of new Roses offered on pages 140 to 144, amounting to $73.50, the collection for $65.00.

Introductions of the Rose World's Most Noted Specialists

Souvenir d'Alexander Bernaix (Bernaix, 1926). A beautiful large flower, 4½ inches or more in diameter and unique and distinct in color, probably the deepest colored of any Hybrid-Tea variety. While the flower is of flat cupped form both in bud as well as in the fully developed bloom, it is of artistic build and full double with from 48 to 50 substantial petals which are neatly arranged. In the half expanded bud the petals are incurved, of an intense deep velvety crimson-red on a maroon ground with touches of scarlet on the outer petals. As the flower fully develops it becomes suffused with vermilion carmine at the edge of the petals. Gold Medal at Saverne. $2.50 each.

Swansdown (Alex. Dickson & Sons, 1929). An ideal white which in the autumn has just a tint of cream at the base of the petals. The buds are large, very long pointed of perfect shape, composed of large heavy petals and develop into splendid full very sweetly-scented flowers of spiral formation. Its growth is vigorous. In freedom of flowering Messrs. Dickson state that they do not know any other Rose of its size that will produce flowers in such profusion. $2.50 each.

Vermilion (Barbier & Co., 1930). A semi-double flower of medium size but remarkable for its brilliancy in color which is found only in this variety on account of which, together with its freedom of bloom, it has been admired by all who have seen it in our trial grounds. It is a rich vermilion scarlet, deep golden-yellow at the base of the petals and frequently this golden yellow color is also shown on the tips of the petals. $1.50 each.

New Hybrid-Tea Rose, President Jac Smits

GENERAL LIST OF DREER'S SELECT
HYBRID-TEA ROSES

The Roses offered on this and the following pages represent the cream of the novelties of recent years, together with the best standard well tried varieties, all of them sorts that have been thoroughly tested and which we unhesitatingly recommend to the large and small planter; not as the most extensive but what we believe is the *finest collection of Hybrid-Tea Roses* ever offered to the Rose-loving American public.

New Hybrid-Tea Rose, Mevrouw G. A. Van Rossem. See page 143

Abol. See page 140. $1.50 each.
Advocate. See page 140. $2.50 each.
Adele Crofton. See page 140. $2.50 each.
Amelie de Bethune. Color very much like Mme. Edouard Herriot—coral red shade with yellow at the base—but a much larger, more double flower.
Angele Pernet. Distinct in color, a rich, vivid, coppery-orange-yellow in which it is not approached by any other Rose. Its buds are long, opening to semi-double cupped fragrant flowers. An indispensable variety that you will love for its wonderful color.
Betty. Produces blooms of marvelous beauty, particularly so in the autumn. Color glowing coppery-rose, suffused with a golden sheen.
Betty Uprichard. See page 139.
Caroline Testout. One of the most popular and valuable bedding varieties; large, full globular flowers of bright satiny rose, with brighter centre, very free and fragrant. The Rose that made Portland, Oregon, famous as the Rose City.
Charles P. Kilham. See page 140. $1.50 each.
Chateau de Clos Vougeot. Beautiful rich flowers, brilliant scarlet shaded fiery red changing to dark velvety crimson as the blooms expand, very double, intensely fragrant.
Columbia. Of strong, vigorous habit and exceptionally free blooming. The flowers are perfect in form. Color a most pleasing shade of rose-pink and delightfully fragrant.

Price. Any of the above, except where noted, in strong two-year-old plants, $1.00 each; $11.00 per doz.; $90.00 per 100. Twenty-five or more plants supplied at 100 rate, which is ten percent less than the each price.

Constance. A free-flowering variety, producing beautiful long orange-yellow buds, more or less streaked with crimson; as they develop they open to a full globular flower of golden-yellow.
Crusader. Large massive and full double flowers on stiff stems, fine for cutting, color a rich crimson, particularly good in late summer and fall.
Cuba. See page 140.
Dame Edith Helen. See page 138.
Dainty Bess. See page 140. $1.50 each.
Dorina Neave. See page 141. $1.50 each.
Doris Traylor. Very distinct in coloring, the long buds orange-cadmium; the outer petals heavily flushed deep orange. As the large flower expands it changes to a deep amber-yellow. Plant vigorous and free-flowering; delicately scented.
Dr. Edward Deacon. See page 140. $1.50 each.
Duchess of Athol. See page 141. $1.50 each.
Duchess of Wellington. See page 139.
Duchess of York (Sandy Dickson, 1925). Good sized well formed double flowers of distinct and unique coloring; a pretty shade of tangerine-orange with rose suffusion, passing to golden rose-pink as the flowers develop. A good free flowering garden variety. $1.50 each.
Edel. An enormous bold, stately, well built flower of great depth, quality and finish. Color, white with the faintest ivory shading towards the base.
Edith Nellie Perkins. See page 141. $1.50 each.
Eldorado (*Land of Gold*). Of free flowering habit and fragrance, in color it is of the golden yellow that is peculiar to the climbing Rose Marechal Niel.
Elegante. Long sulphur yellow buds developing into large full creamy-yellow flowers, a strong vigorous grower and very free flowering.

New Hybrid-Tea Rose, Portadown Ivory. See page 144

NEW HYBRID-TEA ROSE, MAY WETTERN. See page 142.

Select Hybrid-Tea Roses

Golden Ophelia. Nicely shaped buds with deep golden-apricot centre shading lighter to the edges, delicately scented.

Hadley. Large, full, perfect flowers of rich, dazzling crimson-scarlet shading to velvety crimson; fragrant.

Harry Kirk. A splendid Rose of free-branching habit, flowering continuously; the blooms are large, of great substance; the form is perfect; color sulphur-yellow, passing to a lighter shade at the edges of the petals.

Hoosier Beauty. Intense rich, dazzling crimson-scarlet, good sized full flowers deliciously scented.

H. V. Machin. A gorgeous flower of large size; an intensely black-grained scarlet-crimson, on rigid, sturdy stems. A vigorous, strong growing Rose.

Impress. See page 141. $2.50 each.

Imperial Potentate. See page 139.

Irish Elegance. A dainty single-flowering Rose with bronzy pink buds expanding with apricot and yellow shades, a strong grower and always in bloom.

Independence Day. A distinct and novel color that at once arrests attention, a rich orange-apricot suffused with yellow. The buds are long, very freely produced and delightfully fragrant.

Irish Charm. This is a gem of exquisite form, distinct from any variety yet introduced. It is of strong branching habit, remarkably free-flowering. The buds and flowers are of medium size, the base of the petals a rich golden-apricot passing to a delicate blush-pink.

Irish Courage. A splendid addition to the list of bi-colored Roses, the color being a soft shrimp-pink merging to salmon, the whole overlying a golden orange ground.

Irish Fireflame. A glorious single variety, bearing its flowers in clusters of five or more; splendid for cutting in sprays in bud form. These buds are wonderfully rich in coloring, a rich deep orange, splashed with crimson, opening to a large single flower of a satiny old-gold.

Elizabeth of York. See page 141. $1.50 each.

Emile Charles. A French introduction of rich coloring, the buds being of a fiery red shaded and suffused with golden yellow, these develop to flowers of superb coral-red shading to rosy strawberry-red on the outer petals. Growth vigorous and free flowering.

Ethel James. One of the most artistic of the single-flowering Hybrid-Teas. Very large, sweetly scented, flowers opening out in salver form, of a deep carmine flushed with orange.

Etienne Rebeillard. Salmon-carmine with lighter reverse long bud developing into a large globular flower, sweetly scented.

Etoile de Feu. Very attractive large substantial globular buds expanding to large, cupped, full to centre flowers, of a rich flaming orange-pink with flame colored shadings, borne profusely throughout the season, the plant is of vigorous free habit.

Etoile de Hollande. A strong vigorous healthy grower and free bloomer which like the popular Radiance Roses, improves in vigor from year to year. It is a continuous bloomer with large, moderately double flowers that are particularly attractive in the half-blown state. In color a brilliant crimson red.

Everest. See page 141. $1.50 each.

Felicity. A gem of a beautiful shade of mallow-pink shading to bright cerise at the edges, with soft creamy suffusion at the base of petals; fine long bud and splendid, large, double, sweet-scented cup-shaped flower. An exceptionally fine Rose.

Feu Joseph Looymans. Remarkable for its long pointed buds of brilliant orange buff and large moderately double-yellow flowers with apricot centre and spicy fragrance. Growth vigorous, upright and very free flowering. A splendid bedding Rose and fine for cutting.

Francis Scott Key. Very large double flowers of a rich crimson-red; a strong sturdy grower and free bloomer that always attracts attention, particularly in the fall.

Frank Reader. See page 141.

Gaiety. See page 141. $1.50 each.

General MacArthur. One of the best all-around bedding Roses, its flowers are of good form, of a warm, rich crimson scarlet and very fragrant.

Gladys Benskin. See page 141. $2.50 each.

Golden Dawn. See page 141. $1.50 each.

Golden Emblem. A most beautiful clear yellow, occasionally flaked with crimson on the outer petals, wonderfully well shaped buds and flowers on long stems, with rich glossy green foliage.

NEW HYBRID-TEA ROSE, PATIENCE. See page 143.

Price. Any of the above, except where noted, in strong two-year-old plants, $1.00 each; $11.00 per doz.; $90.00 per 100. Twenty-five or more plants supplied at 100 rate, which is ten percent less than the each price.

Select Hybrid-Tea Roses

HYBRID-TEA ROSE, MRS. HENRY BOWLES. See page 139.

Irish Hope. A splendid red with well-formed buds, broad petals opening to moderately full, fragrant flowers. The color is a rich rosy-crimson with maroon shadings, a free continuous bloomer.

Irish Sweetness. A delightfully fragrant variety. Color, an exquisite shade of crimson-lake suffused with scarlet; a vigorous free grower and very free-flowering.

Isobel. A lovely single flowered variety. The flowers are 4½ inches in diameter of a flushed carmine and orange passing to pink, fragrant and free.

James Gibson. See page 142. $2.50 each.

J. C. M. Mensing. In habit of growth and in the formation of its flowers, this pretty sweet scented Rose is identical with the popular variety Ophelia from which it is a sport, but it is entirely distinct in color, being a lovely shade of soft rose-pink.

Jonkheer J. L. Mock. One of the best bedding varieties. The flowers, produced with the greatest freedom are of large size of a deep imperial pink, the outside of the petals silvery-rose.

John Russell. A brilliant red Rose; a rich deep velvety crimson of very large type, beautiful both in bud as well as in the fully expanded double flowers. Strong vigorous grower, delicately sweet scented. $1.50 each.

Josephine Thomas. Of strong, vigorous habit and produces its flowers on fine long stems. These are of a light orange salmon at the centre, the outer petals gradually shading to a cream-flesh, does not fade or discolor.

J. Otto Thilow. See page 142.

Jules Gaujard. See page 142. $1.50 each.

Julien Potin (*The Golden Pernet*). See page 138. $1.50 each.

Kaiserin Augusta Victoria. In color a soft pearly-white, tinted with enough lemon in centre to relieve the white, remarkably fragrant, beautifully formed flowers.

Killarney. One of the most popular of pink garden Roses. The blooms are large, the petals of great substance.

Killarney Brilliant. A "sport" from Killarney far more intense in coloring, a rich glowing shade of rosy-carmine.

Killarney Double White. A pure white but more double form of Killarney, a beautiful Rose.

Killarney Queen. Also a sport of Killarney with larger, more double flowers which are absolutely perfect in all stages of development, color a sparkling cerise-pink.

K. of K. (*Kitchener of Khartoum*). An exceptionally free flowering variety for garden effect, the brilliant scarlet buds open to brilliant semi-double fragrant flowers, very free.

Lady Alice Stanley. A gem that everyone admires; absolutely perfect in every way; in color it is a beautiful shade of coral-rose, the inside of the petals shading to flesh-pink, fragrant.

Lady Ashtown. One of the best garden Roses and a fine long lasting cut flower. Flowers large, sweetly scented, of a pleasing carmine-pink shading to a golden-yellow base.

Lady Barnby. See page 142. $2.50 each.

Lady Florence Stronge. See page 138.

Lady Hillingdon. A wonderful coppery tone of apricot-yellow, beautiful in the bud; very free-flowering.

Lady Leslie. See page 142. $2.50 each.

Lady Margaret Stewart. See page 138. $1.50 each.

Lady Mary Elizabeth. See page 142. $1.50 each.

Lady Ursula. A variety that always grows well and flowers freely. Good shaped buds and full double fragrant flowers of a delightful tone of flesh-pink merging to a yellow base.

Laurent Carle. Produces its large, deliciously scented, brilliant carmine flowers throughout the entire season.

Lord Charlemont. The most gorgeous and brilliant dark red Rose we have with flowers of the most intense clear crimson-scarlet, deepening to carmine-crimson with almost black shadings with perfectly shaped long pointed buds and large, full double, sweetly scented flowers. $1.50 each.

Los Angeles. One of the most beautiful Roses yet introduced. The long-stemmed flowers are of a luminous flame-pink, toned with coral, and shaded with translucent gold at the base of the petals. The buds are long and pointed and expand to flowers of large proportion, of absolutely perfect form and of rich fragrance.

Louise Catherine Breslau. Entirely distinct from all other Roses in color; a superb shrimp-pink shaded coppery-orange and chrome yellow, large full flowers.

Lulu. A dainty and distinct Rose, with exceptionally long buds which in outline, remind one of the miniature or Fairy Rose Mme. Cecil Brunner, but much larger in size, while in color it is similar to Mme. Edouard Herriot, orange-red shaded with salmon-pink. Beautiful in bud form.

Marcia Stanhope. A delightfully fragrant pure white; a good sized full double flower, fine both in the long bud as well as in the fully expanded flower: vigorous and free.

NEW HYBRID-TEA ROSE, LADY MARGARET STEWART. See page 138.

Price. Any of the above, except where noted, in strong two-year-old plants, $1.00 each; $11.00 per doz.; $90.00 per 100. Twenty-five or more plants supplied at 100 rate, which is ten percent less than the each price.

Select Hybrid-Tea Roses

New Hybrid-Tea Rose, Julien Potin. See page 138.

Mrs. Arthur Robert Waddell. An attractive variety of distinct color, that everyone likes, a delicate, soft, rosy-salmon, suffused with a golden sheen; a free-flowering garden variety.

Mrs. Beatty. See page 143. $1.50 each.

Mrs. Beckwith. An erect grower of splendid habit, with glossy light green foliage, long shapely buds, medium sized, full, gracefully shaped flowers of a buttercup yellow, shading lighter at the edges of the petals.

Mrs. Charles Bell. See page 139.

Mrs. Charles Lamplough. A most refined and pleasing soft tone of light lemon, flowers of wonderful size, depth and substance; very sweet-scented. A vigorous grower.

Mrs. C. W. Edwards. Rich rosy-scarlet overlying an orange ground, the base of the petals prettily zoned citron-yellow. Strong, vigorous habit of growth; very free flowering, large, fragrant flowers.

Mrs. Erskine Pembroke Thom. See page 137. $1.25 each.

Mrs. Henry Bowles. See page 139.

Mrs. Lovell Swisher. See page 143.

Mrs. Redford. Bright apricot-orange one of the most lovely of this color, an upright grower with mildew-proof foliage. The flowers are substantially built, perfect in form, very free blooming.

Mrs. Sam. McGredy. See page 143. $3.00 each.

Mrs. Wakefield Christie-Miller. As a pink bedding Rose there is none better. The fragrant flowers, of large size, remain perfect on the bushes for a long time, and are produced very freely; they are of a bright pink color with lighter shadings, the plant is vigorous and free.

Mrs. William C. Egan. A vigorous strong healthy grower, with long, pointed buds of absolutely perfect form, that develop into flowers of good shape. In color it is a two-tone pink, the reverse of the petals a soft light pink, the interior deep flesh color.

Mrs. W. E. Nickerson. See page 143.

Norman Lambert. See page 138. $1.50 each.

Ophelia. A variety which has made such a record for itself that qualifies it to be classed with the very best, a Rose that is admired by everyone; its flowers are held erect on long stiff stems, are of perfect form, good size, and of a most pleasing delicate tint of salmon flesh, shaded with rose, very floriferous.

Padre. Most attractive and novel in coloring, with long petals of a coppery scarlet flushed with yellow at the base. Growth strong and upright and exceedingly free-flowering. A remarkably beautiful bedding Rose.

Margaret McGredy. See page 138.

Marion Cran. See page 142. $1.50 each.

Marquise d'Andigne. See page 143. $1.50 each.

Mary Pickford. Of strong vigorous growth, in color an exquisite light yellow stained on the reverse of the outer petals with salmon, blush and orange.

May Wettern. See page 142. $1.50 each.

Mevrouw G. A. Van Rossem. See page 143. $3.00 each.

Mevrouw L. C. Van Gendt. Long pointed buds, flowers large and full; color salmon on a pink and yellow ground.

Mme. Alexander Dreux. While not a large flower it has become prominent on account of its distinct brilliant color and pretty shaped buds of a coppery golden-yellow and which develop into high-centred full flowers with reflexed petals of deep yellow splashed with orange.

Mme. Butterfly. See page 139.

Mme. Edouard Herriot. See page 139.

Mme. Henri Queuille. See page 143. $1.50 each.

Mme. Jules Bouche. See page 139.

Mme. Leon Pain. Entirely distinct in color, a silvery-salmon, with deeper orange-yellow shaded centre, the reverse of the petals being a salmony-pink; very free-flowering.

Miss Lolita Armour. The coloring of this variety is a combination of tints difficult to describe. The flowers are of large size, full double, of a deep, coral-red with a golden, coppery-red suffusion, a strong, vigorous grower and very free-flowering.

Miss Rowena Thom. See page 137. $1.50 each.

Miss Theresa Morley. A strong grower and large buds developing into good full flowers of a brilliant carmine cerise.

Mme. Poincare. A desirable garden variety of vigorous growth and free flowering habit. Its buds are long and shapely, the attractive flowers are of cupped form and full double. Color salmon-pink deepening to apricot centre.

Mrs. Aaron Ward. A remarkably floriferous variety of strong, vigorous, but compact growth; the fragrant flowers, full double, in color a distinct Indian-yellow, shading lighter towards the edges.

Mrs. A. R. Barraclough. See page 138.

New Hybrid-Tea Rose, Jules Gaujard. See page 142.

Price. Any of the above, except where noted, in strong two-year-old plants, $1.00 each; $11.00 per doz.; $90.00 per 100. Twenty-five or more plants at 100 rate, which is ten percent less than the each price.

Select Hybrid-Tea Roses

HYBRID-TEA ROSE, WILHELM KORDES

Sir David Davis. See page 139.

Souvenir de Alexander Bernaix. See page 144. $2.50 each.

Souvenir de Claudius Pernet. A most vigorous grower of erect branching habit, beautiful, brilliant green foliage, long pointed buds of exquisite shape, carried on long, stiff stems. Very large, full flowers with elongated deep petals, a beautifully formed bloom. Color, striking sunflower-yellow, deeper in the centre, without any color blending.

Souvenir de Georges Pernet. Unequaled in color by any other variety; its long pointed buds of rich Oriental-red tipped with carmine and suffused with a rich golden sheen expand to full double flowers of elegant form. Strong vigorous growing and profuse in flowering.

Souvenir de H. A. Verschuren. This has quickly found its place among the best bedding Roses. In color it is a two tone yellow, the centre a beautiful apricot-yellow.

Swansdown. See page 144. $2.50 each.

The Queen Alexandra. A brilliant flower of intense vermilion deeply shaded old gold on reverse of petals, which spring from a pure orange base, one of the most remarkable color combinations seen in Roses.

Talisman. See page 137. $2.00 each.

Vermilion. See page 144. $1.50 each.

Ville de Paris. See page 139.

Willowmere. This splendid Rose is of a coral-red color, suffused with carmine in the bud state, and opens to a large, full, handsome flower of a rich shrimp-pink, shaded yellow in the centre and flushed carmine-pink towards the edges of the petals.

Patience. See page 143. $1.50 each.

Pink Pearl. A dainty variety destined to become a universal favorite even if it had nothing to recommend it but its delicious fragrance. In color it is a brilliant rich cerise pink the base of the petals touched with gold that lights up the flower wonderfully, particularly in the half expanded bloom. The flowers are full double, of perfect form.

Portadown. See page 143. $2.50 each.

Portadown Bedder. See page 144. $2.50 each.

Portadown Ivory. See page 144. $2.50 each.

Premier. Brilliant rich deep pink flowers of large size and full form borne singly on long stiff stems, fragrant. A particularly good late summer and fall variety.

President Cherioux. A beautiful Rose, a pretty shade of prawn-red and salmon-pink shaded with yellow, large, full, perfectly shaped, globular flowers and very free blooming.

President Hoover. See page 137. $2.50 each.

President Jac Smits. See page 144. $1.50 each.

Princess Marie Jose (Londes, 1924). A remarkably brilliant colored long bud of an orangy vermilion on an orange ground which opens to a full double high centred flower of cadmium yellow with vermilion shading; pretty, free flowering and a vigorous grower.

Radiance. See page 139.

Red Radiance. See page 139.

Rev. F. Page Roberts. See page 138. $1.50 each.

Rose Marie. One of the best bedding Roses grown, remarkably free-flowering, producing large, long, ideal buds, which develop into full flowers of beautiful form, of a most pleasing clear-rose pink.

Roselandia. Golden orange suffused apricot, a very shapely bud and flower, very free.

Royal Scot. A variety of gorgeous coloring, a rich golden yellow with crimson edges, the open flowers are of medium size, semi-double, light yellow with crimson edged petals and are borne several together on long stems, growth vigorous, very profuse flowering. $1.50 each.

Rudolph Valentino. See page 144. $2.50 each.

Sensation. Splendid large crimson-scarlet, perfect in its long pointed bud as well as in the fully developed, sweetly scented, double flower. A strong vigorous grower that is particularly brilliant late in the autumn.

Shot Silk. One of the most beautiful of Alex. Dickson & Son's introductions. Color orange-rose, overshot with golden-yellow and flushed soft rose, bud of beautiful shape, the open flowers cupped with reflexing outer petals, growth vigorous and free.

Wilhelm Kordes. Unique and entirely distinct in coloring; a rich capucine red with coppery suffusion overlying a golden-salmon ground, varying in intensity under different weather conditions, but always beautiful and particularly high colored early in the season and in the autumn. The buds are long and pointed, opening to double high-centred very fragrant flowers. Habit compact but vigorous, very free flowering. $1.50 each.

William F. Dreer. A beautiful Rose of the same parentage as Los Angeles, and for delicacy of coloring no other variety can compare. The flowers, which are similar in shape to Los Angeles, and like that variety, beautiful in all stages are at their best in the half expanded flower. These, in expanding, are of a soft, silvery shell pink at certain stages of development, a golden suffusion illuminates the entire flower.

NEW HYBRID-TEA ROSE, MRS. A. R. BARRACLOUGH. See page 138

Price. Any of the above, except where noted, in strong two-year-old plants, $1.00 each; $11.00 per doz.; $90.00 per 100. 25 or more plants supplied at 100 rate.

SPECIAL OFFER. We will furnish one strong plant each of the 154 Hybrid Tea Roses described on pages 137 to 149 for $160.00. The best collection of Roses that has ever been offered.

POLYANTHA OR BABY ROSES

A type of Rose which is very popular for bedding purposes. They form shapely, compact bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost immense trusses of small flowers.

The varieties illustrated above are: No. 1, Scarlet Leader; No. 2, Marytje Cassant; No. 3, Kersbergen; No. 4, Le Marne; No. 5, Golden Salmon; No. 6, Chatillon.

Cecile Brunner (*The Fairy, or Sweetheart Rose*). A variety with dainty double little flowers of perfect form produced in many flowered graceful sprays; color a soft rosy-pink on a rich creamy-white ground.

Chatillon. Very distinct, a pretty silvery crimson-rose passing to a white centre, very free, one of the most desirable varieties.

Echo. Comparatively large flowers of a soft pink, not unlike in color to the popular climber, Tausendschoen.

Erna Teschendorff. Medium sized bright red, semi-double flowers on dwarf plants.

Franz Leddy. A very pretty cochineal carmine flower of free habit.

George Elger. Buds bright yellow developing into dainty pale creamy yellow blooms of pretty form in graceful sprays.

Golden Salmon. A most striking recent introduction, distinct and novel in color, a brilliant golden-orange scarlet, always in bloom and greatly admired.

Ideal. Intense dark, rich, lustrous garnet.

Katherine Zeimet. Very free, full double, fragrant, white.

Kersbergen. The most intense and rich brilliant currant-red flowers of medium size in large many flowered trusses.

Lafayette. Very attractive large, bright crimson-scarlet, in sprays of 40 or more flowers each.

Le Marne. A beautiful semi-double, good sized, bright salmon-rose at the edges, rosy blush at the centre, one of the prettiest.

Locarno. Brilliant glowing Oriental or Turkish red which as the flowers mature passes to a pretty cochineal carmine.

Marytje Cassant. Dainty both in size and color, a most pleasing soft shade of salmon-pink.

Miss Edith Cavell. Brilliant scarlet-red with darker shadings, one of the most desirable deep colored varieties.

Mme. Norbert Levavasseur. Similar in color to the climbing Crimson Rambler. Very popular.

Orleans. Of good size, flowers double, brilliant geranium-red with white centre, very free and reliable.

Salmonea. Reddish salmon of a pretty shade, the best of its type.

Scarlet Leader. Rich reddish or French purple with scarlet suffusion, while under artificial light the entire flower is as bright as the most brilliant scarlet Geranium.

Susanne Miller. A brilliant shade of cerise-pink, semi-double flowers of medium size, borne in very full trusses.

Polyantha Rose, Cecile Brunner (Sweetheart Rose)

PRICE. Any of the above, 75 cts. each; $7.50 per doz.; $60.00 per 100.

SPECIAL OFFER. One each of the 7 varieties shown in colors for $4.25, or the full collection of 20 varieties for $12.00.

New Hybrid-Perpetual Rose
Mme. Albert Barbier

This distinct Hybrid-Perpetual variety in its habit of flowering is as free as many of the popular Hybrid-Tea varieties, its seed parent is Frau Karl Druschki, from which it has inherited a strong, clean, vigorous growth, its buds are long and well formed of a pearly white color suffused with soft, salmony flesh and develop into large, double flowers of splendid form which as they expand, show a golden apricot centre. A gem in every respect. $1.50 each.

HYBRID-PERPETUAL ROSES

The varieties listed below are the best in the Hybrid-Perpetual class, which before the development of the Hybrid-Teas, was the most popular type for garden planting, and even now they dare not be overlooked, but should be used extensively with other sorts, especially so in localities where the hardiness of the Hybrid-Tea varieties has not been established.

American Beauty. Rich dark carmine.
Anna de Diesbach. Bright carmine-rose of large size.
Baroness Rothschild. Pale satiny-rose, very large.
Captain Hayward. Large crimson of fine form, fragrant.
Clio. Delightful satiny-flesh with deep centre; the flowers are large, globular and borne on long stems.
Frau Karl Druschki. This is the ideal hardy white Rose.
General Jacqueminot. Brilliant scarlet crimson.
George Arends. A beautiful pink variety.
Gloire de Chedane Guinoisseau. Large globular vermilion red.
Mrs. John Laing. Soft pink of splendid form, exceedingly fragrant and very free flowering.
Mrs. R. G. Sharman Crawford. Deep rosy pink, outer petals shaded with flesh, one of the freest bloomers and a splendid Rose in every respect.
Magna Charta. Bright pink, suffused with carmine.
Paul Neyron. Deep rose, of immense size.
Prince Camille de Rohan. Deep velvety crimson-maroon.
Ulrich Brunner. A bright cherry red.

New-Hybrid Perpetual Rose, Mme. Albert Barbier

PRICE. Any of the above, in strong two-year-old plants, $1.00 each; $11.00 per doz.; $90.00 per 100.
SPECIAL OFFER. One each of the above 15 varieties, a splendid collection of these absolutely hardy Roses for $12.00.

Single Bedding Rose, Else Poulsen

PERPETUAL FLOWERING BEDDING ROSES

Gruss an Aachen. A very distinct type of Polyantha Rose with exceptionally large flowers for this type, always a mass of bloom throughout the season, color flesh pink with salmon and yellow shadings, very effective as a bedder.
Gruss an Teplitz. This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety crimson; very fragrant, a free, strong grower and in bloom all the time.
Hermosa. Less than twenty years ago this was perhaps the most popular bedding Rose and it still has many friends on account of the freedom with which its medium sized, perfect shaped double, bright pink flowers are produced, it rarely being out of bloom.
PRICE. Any of the above strong two-year-old plants, 75 cts. each; $7.50 per doz.; $60.00 per 100. One each of the 3 sorts, for $2.00.

THREE NEW SINGLE HYBRID-POLYANTHA ROSES

Unlike all other single Roses, these new hybrids are of very vigorous habit, growing from 2 to 3 feet high and are a mass of attractive flowers throughout the season. The blooms are about two inches or more across, very substantial, not only holding their brilliant colors without fading but last for ten days or more. We recommend these three varieties, they will not disappoint.
Else Poulsen. A beautiful tone of pure rose-pink.
Kirsten Poulsen. Rich bright scarlet.
Salmon Spray. Semi-double, rich salmon-pink flowers, with carmine reverse, sweetly scented, very free.
PRICE. 75 cts. each; $7.50 per doz.; $60.00 per 100.

Twenty-five or more Roses will be supplied at 100 rate, which is ten percent off the each price

New Climbing Rose, Chaplin's Pink Climber

Three New Hardy Climbing Roses

CHAPLIN'S PINK CLIMBER

Unquestionably the most important acquisition in climbing Roses since the introduction of Dr. Van Fleet and Paul's Scarlet Climber, universally recognized as the most popular climbing Roses, and to which Chaplin's Pink Climber will prove an equally valuable companion.

This striking novelty originated in the same nursery in which Paul's Scarlet Climber was raised. It is a cross between Paul's Scarlet and American Pillar, of strong growth, perfectly hardy, producing its large flowers, similar in size and form to Paul's Scarlet, profusely in strong trusses of from 8 to 12 flowers each, but in color a rich lively pink.

At the Spring Show of the National Rose Society of England in 1928, it was the outstanding feature among the new Roses and was awarded the Society's Gold Medal.

Strong two-year-old plants, $2.50 each.

PRIMROSE, THE NEW YELLOW RAMBLER

In this we have what has long been sought after a real hardy yellow rambler a strong vigorous grower and hardy under the same conditions under which Dr. Van Fleet and similar varieties will succeed. In color light primrose-yellow which is maintained until the petals drop. Its flowers are borne in trusses of from 2 to 5, on long stems, about 2½ inches in diameter. The plant is of vigorous climbing habit, free flowering, mid-season and the flowers last in good condition for a long time, with healthy dark foliage.

Strong two-year-old plants, $1.50 each.

MME. GREGOIRE STAECHELIN

Mme. Gregoire Staechelin has aristocratic parents, Frau Karl Druschki and Chateau de Clos Vougeot, and has inherited the best traits of both. The long-pointed buds are crimson at first as the sepals divide, then the firm outer petals show splashes of carmine as the flower opens, with an iridescent pearl-pink inside and it is richly perfumed.

It grows 12 feet or more and has large, disease-resistant foliage. The main stem of the plant shoots upright and the long bloom-spurs stand out 18 inches at right angles, with exquisite, full, fragrant blooms. These blooms come early in June and last over a long period.

Strong two-year-old plants, $2.50 each.

New Hardy Climbing Rose, Primrose

SPECIAL OFFER. We will supply one strong two-year-old plant each of the 3 varieties for $6.00

Hardy Climbing and Rambler Roses

Albertine. Nicely shaped vermilion buds expanding to moderately double, perfect shaped flowers of a pleasing cameo-pink with silvery suffusion, sweetly scented; foliage rich deep, glossy green.

Alida Lovett. Bright shell-pink with light yellow shadings at base of petals, flowers of good size and quality.

American Pillar. A single flowering variety of great beauty. The flowers are of large size, 3 to 4 inches across, of a lovely shade of pink with a clear white eye and cluster of yellow stamens. These flowers are borne in immense bunches and a large plant in full bloom is a sight not easily forgotten.

Bess Lovett. Resembles Climbing American Beauty, in shape of flower, but is brighter in color, a clear bright red, of good size and of double form, strong and very fragrant.

Bonfire. One of the freest flowering, of Dorothy Perkins type but with great trusses of cherry crimson flowers, an early bloomer.

Breeze Hill (Introduction of the American Rose Society). On account of its color, which is a deep cream with tints of pink and salmon it has very aptly been described as a hardy Gloire de Dijon, the flowers are large and very double, it is of strong climbing habit, perfectly hardy and one of the latest to come into bloom. $1.00 each.

Christine Wright. A most exquisite Rose, of strong climbing habit. The flowers are double, from 3½ to 4 inches in diameter, borne singly and in clusters, of perfect form, beautiful in the bud and in the fully expanded flower; color a most refreshing bright wild-rose pink.

Climbing American Beauty. Its name is somewhat misleading, but it is one of the best climbing Roses; a strong healthy vigorous grower, frequently making shoots from 10 to 12 feet long, and good sized flowers for a climbing Rose that blooms so freely; color rich rosy crimson, of splendid form and good substance.

Crimson Rambler. Large clusters of crimson flowers.

Dorothy Perkins. Soft shell-pink, flowering profusely in large clusters, very fragrant and lasting, a grand Rose in every way.

Dr. Huey. Similar in habit of growth and form of flower to Paul's Scarlet Climber, but of an intense dark crimson color, and when fully expanded shows its numerous golden stamens, making a beautiful color combination.

Dr. W. Van Fleet. A Rose, which on account of its dainty color and exquisitely shaped buds and flowers, has become a great favorite. The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long; splendid for cutting. A strong vigorous grower.

Ernestine Cosme. A unique single flowered variety of pretty form and of a delicate soft pink which are produced in great pyramidal-shaped, many flowered sprays, in greatest profusion; a vigorous healthy grower.

Excelsa. An intense crimson-maroon with tips of petals tinged with scarlet, an improvement on the old Crimson Rambler.

Gardenia. Buds bright yellow, opening double flowers of cream color; incurving towards evening to the shape and color of a Cape Jessamine, hence its name.

Emily Gray. In this we have a real yellow climbing Rose. The buds are long and pointed, of splendid shape; in color a beautiful light orange-yellow, changing to pale orange as they expand; they are borne on stiff stems of sufficient length for cutting, these stems are of a crimson-red color which together with the unusually dark green, glossy holly-like foliage, adds a charm to the flowers. Requires protection north of Philadelphia.

Glendale (Introduction of the American Rose Society). A perfectly hardy climber with heavy dark green disease-resistant foliage and long, slightly fragrant, beautiful lemon-yellow buds of uniform shape which open to creamy-white, fairly double flowers which are borne in clusters of up to 20 flowers on stems long enough for cutting. $1.00 each.

Gwen Nash. One of the prettiest climbers we know, a large semi-double flower opening out quite flat and of a most beautiful soft shell pink, very free flowering. $1.00 each.

Hiawatha. A brilliant single, ruby carmine, with a clear white eye and a mass of golden stamens.

Jacotte. Color shrimp-pink or light salmon-orange shaded golden yellow at base; flowers fully 2½ inches in diameter, delightfully scented; rich dark green glossy disease-resisting foliage, entirely distinct from all others and a color which will make it a favorite. $1.00 each.

Le Reve. A yellow pillar Rose of which Dr. J. Horace McFarland, editor of the American Rose Annual, under date of May 31, 1927, said: "Le Reve is perfectly beautiful today, a yellow rose requiring no excuse for any fading, for it is yellow and stays yellow. The foliage is good, the plant is good-looking and the fragrance to me, is delightful."

Marie Gouchault. Identical with Dorothy Perkins, excepting in color, which is a clear geranium-pink without magenta shadings. Very free and early.

Mary Lovett. Large well-formed flowers of pure waxy white, sweetly scented.

Mary Wallace. Well formed, semi-double flowers of a bright clear rose-pink with salmon base to the petals, flowers large, generally exceeding four inches in diameter, very free flowering.

Mme. Jenny. A very strong growing climber with large, healthy disease-resisting foliage with flowers two inches and over in diameter borne in clusters of from 5 to 7 flowers each; these are cup-shaped, quite full, of a delicate satiny rose color with a delightful fragrance, not unlike the old-fashioned sweet-scented Cabbage or Provence Rose. $1.00 each.

Paul's Scarlet Climber. The most popular of all climbing Roses. Unequaled in brilliancy by any other variety, these are of a vivid scarlet, of large size and are produced in clusters of from 3 to 20 flowers on long, strong stems.

Paul's Lemon Pillar. A very beautiful and entirely distinct showy large double, sulphur-yellow, perfectly formed flower, that has proven hardy in this latitude. Fine as a pillar Rose.

Phyllis Bide (*New Everblooming Climber*). The feature of this variety is that it blooms continuously throughout the summer and fall and while the dainty flowers are of small size they are of exquisite form in bud, opening with gracefully reflexed petals and are produced in long loose sprays; in color a pale gold at base flushed and shaded pretty rosy-carmine towards the edges.

Roserie (*Red Tausendschoen*). Of the same habit of growth and flowering as Tausendschoen, but of a deeper and more even shade of cerise-pink, or carmine.

Silver Moon. Different from all other Roses, with beautiful semi-double flowers four and a half inches and over in diameter; pure white in color, petals of great substance, beautifully cupped, forming a Clematis-like flower.

Solarium. In single flowering climbers this is a gem. It is of the same type as Hiawatha on which it is a decided improvement, the flowers being larger, more freely produced and of more brilliant coloring, an intensely rich crimson-scarlet.

Star of Persia. A brilliant new Rose with flowers on the order of the lovely old Harison's Yellow, semi-double, bright yellow, and about 3 inches across. A striking variety, bursting into showers of sparkling bloom in June. It does not fade and the flower trusses last several weeks.

The Beacon. A distinct and effective novelty, bright fiery-red with white eye in the way of American Pillar, single and semi-double, produced in large clusters, handsome foliage.

Tausendschoen. A popular variety with large flowers with wavy azalea-like petals. In color it is a most delicate shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded.

Wichuraiana (*Memorial Rose*). Pretty, fragrant single pure white flowers with yellow stamens followed in fall by bright red hips or berries, a good Climbing Rose where no great height is required, especially valuable where a trailing plant is desired. forming a dense mat of almost evergreen foliage.

PRICE. Any of the Hardy Climbing and Rambler Roses offered on this page, except where noted, in strong two-year-old plants, 75 cts. each; $7.50 per doz.; $60.00 per 100.

SPECIAL OFFER. One each of the 35 Hardy Climbing and Rambler Roses, offered on this page, a splendid collection for $20.00.

CLIMBING HYBRID-TEA AND TENDER CLIMBING ROSES

While not as free flowering as the bush type of Hybrid-Tea Roses, these climbing forms produce a large crop of flowers in June, with a liberal scattering of blooms throughout the season. The tender sorts are not hardy in the latitude of Philadelphia, except in favored positions, or with protection; especially adapted to covering rafters, etc., in greenhouses, or for outdoor culture in the South.

Black Boy. An Australian introduction where it has become a great favorite; a sweet scented large fiery scarlet overlaid with blackish maroon.

Climbing Caroline Testout. Combines all the good points of the popular pink bush Rose in climbing form.

Climbing Hoosier Beauty. Beautifully shaped buds of large size, of a rich dazzling scarlet.

Climbing Kaiserin Augusta Victoria. A climbing form of this popular white Rose.

Climbing Lady Ashtown. The best of all the climbing Hybrid-Tea varieties. A plant in the most exposed part of our Nursery, with very little protection, has withstood many winters, producing not only an immense crop of its very large soft rose-colored flowers in June, but continuing to bloom almost without intermission until the end of the season.

Climbing Lady Hillingdon. Beautiful long well formed buds of a luminous coppery shade of apricot-yellow.

Climbing Los Angeles. A strong climbing form of the popular Rose Los Angeles, producing equally beautiful sweet scented flowers of a luminous flame-pink with golden coral suffusion.

Climbing Mme. Edouard Herriot. A climbing form of the popular coral pink Daily Mail Rose.

Climbing Mrs. Aaron Ward. A climbing form of this popular Indian-yellow variety.

Climbing Red Radiance. Identical with its popular parent excepting it is of climbing form, a valuable hardy pillar Rose.

Climbing Rose Marie. Climbing form of the attractive rose-pink bedding variety.

Climbing Souvenir de Claudius Pernet. This climbing sport of this beautiful yellow Rose will make a fine subject as a climber or pillar Rose and we believe will prove hardy with protection.

Climbing Souvenir de H. A. Verschuren. A very strong growing climbing form of this beautiful yellow.

Kitty Kininmonth. An Australian variety of an attractive bright fadeless pink with large buds and very large cupped flowers; very vigorous.

Marechal Niel. Superb; bright golden-yellow.

Miss Marion Manifold. Also comes from Australia very highly recommended; a brilliant rich crimson, said to be the finest climbing Rose yet produced.

PRICE. Any of the above, in strong two-year-old plants, $1.00 each.

Hybrid Sweet Brier Roses

These lovely hybrids are crosses between the common Sweet Brier and various other Roses, and like their parent, the foliage is deliciously scented. Perfectly hardy. For best effect should be grown as pillar Roses.

Anne of Geirstein. Dark crimson, of graceful habit.

Bradwardine. Clear pink flowers of fine form.

Lady Penzance. Beautiful soft tint of copper with metallic lustre, the base of each petal is yellow.

Lord Penzance. Soft shade of fawn or ecru, passing to a lovely lemon-yellow in the centre, sometimes toned with a most delicate pink; a good grower and abundant bloomer, very sweet-scented.

Any of the above varieties, $1.50 each.

Moss Roses

The beauty of the Moss Rose consists in the delicate mossy covering which surrounds the buds. Moss Roses should be pruned sparingly; cut out the old wood and merely cut back the growth of last year.

Blanche Moreau. Large pure white.

Crested Moss. Rose color, beautifully crested.

Henry Martin. Fine crimson, very vigorous.

Salet. Large, full double, light rose.

Extra strong two-year-old plants, 75 cts. each.
Set of 4 sorts, $3.25.

Austrian Brier Roses

Harison's Yellow. Fine double golden-yellow flowers.

Juliet. Outside of petals old gold, interior rich rosy-red changing to deep rose as the flowers expand; of delicious fragrance.

Persian Yellow. Medium sized deep yellow double flowers very hardy; to flower freely should receive little or no pruning.

Price. Strong two-year-old plants, 75 cts. each; set of 3 varieties for $2.00.

Rose Species

Rosa Hugonis. This species, from China, is unlike any other Rose. It is of shrub-like habit of growth and naturally forms symmetrical bushes about 6 feet high, and while not suited to plant in the Rose border, it is an invaluable subject when planted in connection with other shrubs or as single specimens in the garden.

Its delicate yellow single flowers are produced on long arching sprays early in May, every branch of the previous season's growth becomes lined on both sides to the very tips with these attractive flowers. Strong two-year-old plants, $1.00 each; $10.00 per doz.; $75.00 per 100.

Rosa Moyesi. A strikingly beautiful species, similar in habit of growth to Rosa Hugonis but growing from 6 to 10 feet high with attractive, brilliant, single, deep blood-red flowers, in June. $1.50 each.

Rosa Xanthina. Bright yellow double flowers about two inches across, really a double flowering Hugonis with better foliage and lasts in flower for a much longer period. $1.50 each.

Hybrid-Musk Roses

Perpetual flowering Roses of shrub-like habit, valuable for planting in the shrubbery, being particularly attractive in the fall.

Cornelia. Always in bloom, with fragrant rosette shaped flowers about 3 inches in diameter, borne in clusters. Color strawberry flushed yellow.

Penelope. Semi-double, shell pink flowers shaded saffron, borne in branched clusters. Growth vigorous, nearly always in bloom.

$1.00 each; $11.00 per doz.

Rosa Hugonis

TREE-SHAPED ROSES

Tree-Shaped Roses

We are pleased to be able to offer a nice assortment of these in real good plants with stems 36 to 42 inches high.

Betty
Betty Uprichard
Caroline Testout
Columbia
Dame Edith Helen
Frau Karl Druschki
General MacArthur
Gruss an Teplitz
Hadley
Independence Day
Indiana
Kaiserin Augusta Victoria
Killarney Double White
Killarney Queen
Lady Alice Stanley
Lady Ashtown
Lady Hillingdon
Lady Ursula
Los Angeles
Mrs. Aaron Ward
Magna Charta
Mme. Butterfly
Mme. Edouard Herriot
Mrs. Henry Morse
Ophelia
Paul Neyron
Radiance
Red Radiance
Souv. de Claudius Pernet
Souv. de Georges Pernet
Ulrich Brunner

Price. Any of the above, $3.50 each; $35.00 per doz.

The following three varieties can be supplied in Dwarf Standards. Stems about 24 inches high.

Chatillon **Gruss an Aachen** **Orleans**

Price. $2.00 each.

New Hybrid-Rugosa Roses

Red F. J. Grootendorst. This might properly be called a Rugosa Baby, it being a cross between Rugosa and the crimson Baby or Polyantha. Imagine a shrub like Rugosa Rose covered with trusses of crimson Baby Roses and you will have a fair conception of this new hybrid variety. It is not a Rose that you want to plant in with your bed of Hybrid-Tea or Hybrid-Perpetual Roses, but is valuable to plant as an isolated specimen or in a mass in a bed in an exposed position or in the shrubbery border or use it for an everblooming hedge for which purpose it is admirably adapted. It is absolutely hardy and continues in bloom until late in the fall. $1.00 each; $10.00 per doz.; $75.00 per 100.

Pink F. J. Grootendorst. Identical with the above variety, except in color, which is a splendid clear pink. $1.00 each; $10.00 per doz.; $75.00 per 100.

Agnes. Coppery yellow buds and flowers turning to amber yellow as they develop, the only Rugosa of a yellow color. The flowers are of good size for this type, sweetly scented and produced freely in early summer. $2.00 each.

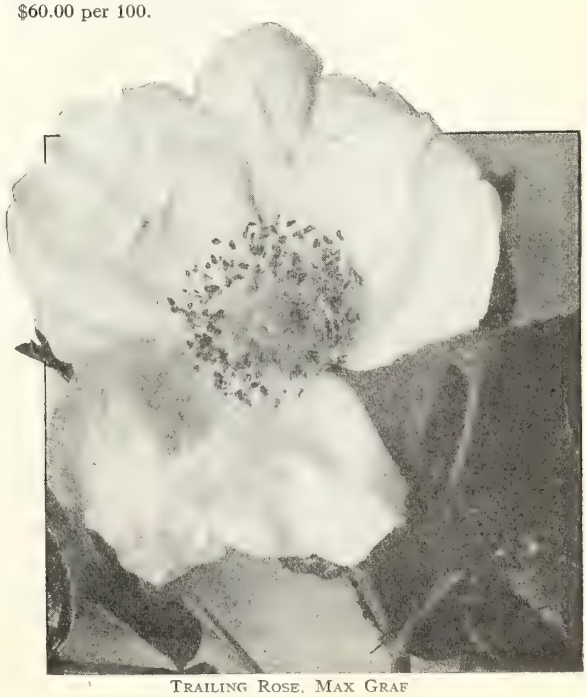
Trailing Hybrid-Rugosa Rose Max Graf

Makes an excellent pillar or climbing Rose, but will be found most valuable as a ground cover for which purpose it is far superior to any of the Wichuraiana varieties. The foliage resembles Rosa Rugosa, is retained very late in the season, it is practically immune to insects and diseases and is absolutely hardy. Its flowers are large, single, bright pink with prettily crimped petals. For planting on a steep bank or for trailing over a stone wall, it has no equal. 75 cts. each; $7.50 per doz.; $60.00 per 100.

Ramanas or Rugosa Roses

These lovely Roses are absolutely hardy and form sturdy bushes 4 to 6 feet in height, covered with handsome crinkled flowers. The single sorts flower almost continuously, and are equally as attractive during the autumn and winter when covered with their large brilliant red seedpods. Of healthy, vigorous growth and equally desirable alike as single specimens, particularly among shrubs or for making a hedge. Rugosa Roses require no pruning, merely cut out dead and superfluous wood.

Rugosa. Single rosy-carmine.
— Alba. Single pure white.
Conrad Ferdinand Meyer. Large double clear silvery rose.
Blanc Double de Coubert. Fine double pure white.
Hansa. Attractive double reddish violet.
Price. Any of the above varieties, 75 cts. each; $7.50 per doz.; $60.00 per 100.



TRAILING ROSE, MAX GRAF

DREER'S SELECT DAHLIAS

ONE OF OUR LEADING SPECIALTIES

All the Dahlias offered in this catalogue will be supplied in dormant field-grown roots or in strong divisions of such roots of proper planting size (not clumps), excepting the Novelties and varieties of Special Merit, offered on pages 156 and 157. **These can only be supplied in specially prepared strong vigorous green or growing plants, which will be ready for delivery after May 15th.**

We have prepared a leaflet on the growing of Dahlias, a copy of which we will be pleased to send free on request.

DAHLIA NOVELTIES and VARIETIES of SPECIAL MERIT

This collection consists of new American and European introductions, including a few older sorts which are still scarce and compares in quality with some of the best of recent introductions.

City of Trenton (*Decorative*). An exceptionally fine, decorative that has every qualification of a first-class exhibition variety. In color a beautiful reddish apricot with rose suffusion with a sheen and lustre throughout the flower which it is difficult to convey in writing. The plant is of robust habit about 6 feet tall, producing flowers up to 12 inches in diameter, these are of splendid form, full to the centre on long erect stems. Plants, $1.50 each.

Color Sergeant (*Decorative*). One of the best all-around varieties grown, be it for exhibition, garden decoration or as a cut flower. In color a rich deep salmon bronze of one shade. A clean upright grower with perfect stems. Plants, $2.50 each.

Dr. W. A. Clark (*Decorative*). An immense golden yellow shading to apricot at the centre; good erect stems holding the flowers well above the foliage. An improvement on the variety Eldorado. Plants, $1.50 each.

Edna Ferber (*Hybrid Cactus*). Always attracts attention on account of its extreme size and beauty. Color glistening coral, shading to old gold at base of the petals, these are curled and twisted, forming an extremely full flower which is held erect on fine stems. Plants, $1.00 each.

Elite Glory (*Decorative*). A sensational, massive, mammoth rich red exhibition variety with heavy, stout stems of sturdy vigorous habit. Plants, $1.00 each.

Ethel M. (*Hybrid Cactus*). An absolutely perfect flower of medium to large size, good stiff stem; in color a pretty lavender pink shading lighter at the tips and very perfect white centre. Plants, $1.00 each.

Fort Washington (*Decorative*). A dark mahogany-red that does not fade, the best and largest dark red exhibition Decorative. The plants as well as the flowers are giants with long strong stems. Plants, $1.50 each.

Flamboyant (*Hybrid Decorative*). A most brilliantly colored French introduction with very broad flat petals which taper to a long point forming an artistic, large, graceful flower of brilliant cardinal red with an occasional tip or dash of golden yellow which intensifies its brilliancy, free and early with very good stems. A brilliant Dahlia that is admired by all. Plants, $1.50 each.

Galli-Curci (*Decorative*). Selected at the 1927 New Jersey State Show at Atlantic City by Mme. Galli-Curci to bear her name. A strong semi-dwarf grower. Blooms large, unusually deep, carried on long, sturdy stems. Petals long, pointed and wavy. Color brilliant salmon orange with gold suffusion and an unusual amount of gold sheen or lustre throughout the whole flower. Plants, $5.00 each.

Geisha (*Peony*). Geisha has been on the market over ten years, but we have never had sufficient stock to supply the demand. It is the showiest and most attractive of this type; the rich colored flowers are original in form, consisting of peculiarly twisted and curled petals, of an effective and rich combination of scarlet and gold. Plants, 50 cts. each.

Gertrude Ederle (*Hybrid Cactus*). An early flowering variety continuing in good condition throughout the season. Color a soft creamy yellow, like the English Primrose particularly effective under artificial light. Flowers very large, composed of long straight petals, always with a good centre and carried on long straight stems. As a cut bloom it has unusually good keeping qualities. Plants, $1.00 each.

Harry Mayer (*Decorative*). A most satisfactory and attractive Dahlia, it has size, depth, splendid stem, holds an even full centre, a sturdy, healthy grower, in color a beautiful silvery pink with rose reverse. Plants, $2.50 each.

Jane Cowl (*Giant Decorative*). Deep massive blooms of bronzy buff and old gold blending darker toward the perfect centre. The petals are broad with just enough twist to add the refinement often lacking in large Dahlias. A wonderful exhibition flower. Plants, $5.00 each.

Jonkheer G. F. van Tets (*Hybrid Cactus*). The freest flowering good sized white Cactus, coming into bloom very early and continuing in good shape to the end of the season, the flowers consist of long incurving petals forming a somewhat Chrysanthemum-like bloom. Plants, 50 cts. each.

Josephine Mendillo (*Cactus*). Well formed flower of medium size on long stiff stems. Color an intense velvety-red, very aptly described by the Garden Magazine as an improvement on the popular variety Kalif. A fine very free flowering garden variety and good cut flower. Plants, 50 cts. each

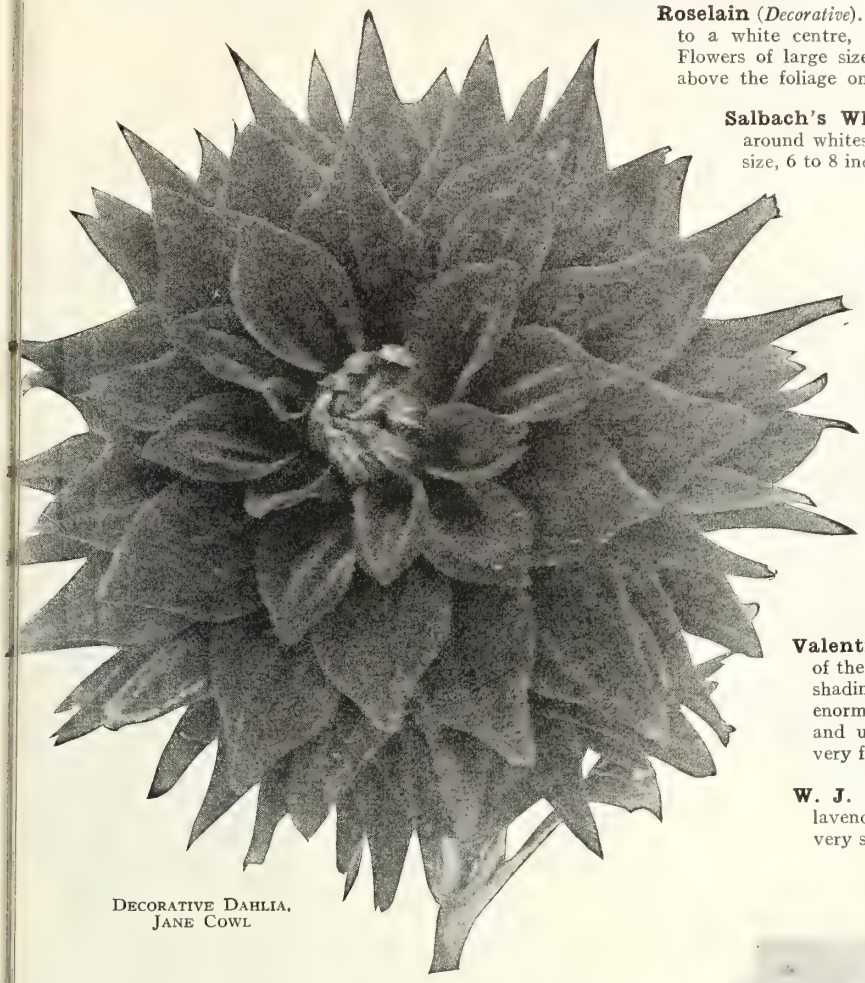
Margaret Woodrow Wilson (*Decorative*). An exhibition variety of immense size and wondrous beauty. Color an opalescent pink, face of petals creamy-white with a phlox-pink reverse. Plants, $2.00 each.

Marmion (*Decorative*). Of such enormous size and depth that it immediately attracts attention. Color a pure golden yellow with bronze suffusion on reverse of petals and a deeper bronzy tone on the high full centre with an outline of the same color around each petal, form of flowers and stem is perfect, a good bloomer. Plants, $1.50 each.

Mrs. E. Leedham (*Decorative*). The very large flower borne on long stems well above the plant and which is of great depth as well as diameter is of a rich brilliant orange scarlet. Tall effective plant, free and early. Plants, $2.00 each.

Decorative Dahlia, City of Trenton

DAHLIA NOVELTIES and VARIETIES of SPECIAL MERIT—Continued



DECORATIVE DAHLIA, JANE COWL

Roselain (*Decorative*). In color a pretty lavender-pink, passing to a white centre, each petal faintly edged with carmine. Flowers of large size and always of perfect form, held well above the foliage on long, stiff, stems. Plants, $1.50 each.

Salbach's White (*Decorative*). One of the best all around whites, an ivory white with flowers of uniform size, 6 to 8 inches in diameter, of good substance, freely produced and of exceptional keeping quality; splendid for exhibition as well as for cutting. Plants, $1.00 each.

Skagerrak (*Cactus*). This beautiful clear, clean lemon-yellow has flowers which under ordinary field culture without disbudding measure 7 inches in diameter. In form it is all that can be wished for, the long petals making a deep gracefully shaped flower, always full to the centre. Plants, $1.00 each.

Sun Maid (*Hybrid Cactus*). A glorious combination of orange, red and gold of unusual size and perfect form, giving an abundance of deep shapely blooms on long stiff stems during the entire season. Plants, $2.50 each.

Valentino (*Decorative*). One of the most beautiful of the Bessie Boston Dahlias, a true salmon-pink shading to cream at the centre. The flower has enormous size and attractive form. Stem long and upright on bushes of medium height and very free. Plants, $2.00 each.

W. J. Erwin (*Decorative*). An attractive large lavender-purple with good full centres carried on very strong stems. Plants, $2.00 each.

Olympe (*Decorative*). A French introduction, a model flower for cutting being about 5 inches in diameter, of ideal form and nicely supported on long wiry stems. In color it is of an intense salmon-pink with reddish suffusion; as a garden variety it is very effective on account of its profuseness in blooming. Plants, $1.00 each.

Perella (*Decorative*). A bright rose pink variety reminding one of the old favorite Rookwood but without the lavender suffusion of that variety. A large fine flower on long, stiff stems and an early and late bloomer. Plants, $1.00 each.

Regal (*Giant Decorative*). Can readily be grown to flowers of 10 inches on long rigid stems which extend well out of the foliage. In color a delightful and different combination of autumn shades, bronze, heavily suffused with dull old rose and shading to gold at the base of the petals, giving an effect of burnished copper. Plants, $3.00 each.

Riverton Giant (*Decorative*). One of our own introductions, a good exhibition flower deep currant red overlying a carmine base. A perfect flower on stiff wiry stems. Plants, 75 cts. each.

Rodman Wanamaker (*Decorative*). Of largest size and of splendid loose, graceful formation, composed of long twisted and curling petals that prevent any stiffness or formality in its shape. The color is distinct and attractive, the centre yellow, the outer petals light salmon toned yellow. Early and free with good long stems. Plants, $1.50 each.

DECORATIVE DAHLIA, VALENTINO

SPECIAL OFFER.—We will supply one plant each of the 29 Novelties and Varieties of Special Merit, which if ordered singly would amount to $48.75 for $40.00.

DREER'S TEN GREAT DAHLIAS

Ten distinct varieties offered below which we have singled out from among the Decorative and Cactus types as worthy of every Dahlia fancier's special attention. While some of these are recent introductions the majority are varieties which have stood out most prominently for several years as the most desirable for either garden decoration or for cutting for house decoration and which prominent position they still hold.

All of the varieties listed under this heading will be supplied in dormant field roots of proper planting size.

Decorative Dahlia, Jersey's Beauty

La Mascotte (*Decorative*). Entirely distinct in formation and coloring. The face of the petals is silvery-pink while the reverse is reddish violet, the petals being quilled on first opening, the two-toned effect produced is very novel and pleasing. The flowers are of medium size and are produced in great profusion. 50 cts. each.

Nichu (*Cactus*). Flowers of immense size of very incurved shape on good stems, producing an abundance of beautiful light yellow flowers with good centres to the end of the season. 50 cts. each.

Rayonanthe (*Decorative*). A pretty, loosely arranged large flower that always has a good centre to the end of the season of a good sulphur yellow, a desirable, distinct variety. 75 cts. each.

Riverton Rose Mallow (*Decorative*). A pretty flower for cutting and so early and prolific in blooming to make it of outstanding merit for garden decoration; in color it is a charming soft mallow pink with lighter suffusion. 75 cts. each.

Riverton Snow (*Decorative*). For an all around white for the garden or for cutting nothing can be found to surpass this perfectly formed, long stemmed free flowering white 75 cts. each.

Andreas Hofer. A lovely narrow petaled Cactus of ideal form and soft tender coloring. A most delicate shade of pink with salmon suffusion passing to a creamy-white centre. Its stiff wiry long stems and free habit of bloom make it invaluable for cut flowers as well as for garden decoration. 75 cts. each.

Dakota (*Decorative*). One of Judge Marean's introductions producing very large exhibition flowers of good form, color a deep tone of rich coral-red with coppery suffusion; a good decorative garden variety. 50 cts. each.

Faith Slocombe (*Decorative*). One of the best of the autumn tints; a pure apricot with a touch of salmon-rose; large size, early and free. 50 cts. each.

Hera (*Decorative*). A splendid shapely flower of large size and perfect Decorative form produced on long stiff wiry stems held well above the foliage. It is one of the earliest to flower and continues in good form to the end of the season. Color a pretty and pleasing soft lilac that will prove a favorite for all purposes. $1.00 each.

Jersey's Beauty (*Decorative*). Not only the finest true pink Decorative variety but we believe we are justified in saying the best all-around Dahlia for any purpose yet introduced. The beautiful large pink flowers are of perfect form, supported on long, stiff straight stems. It is early and free flowering, continuing perfect to the end of the season. As a cut flower it is one of the best keepers and is equally valuable for garden decoration. No one will be disappointed in planting Jersey's Beauty. 75 cts. each.

Decorative Dahlia, Riverton Snow

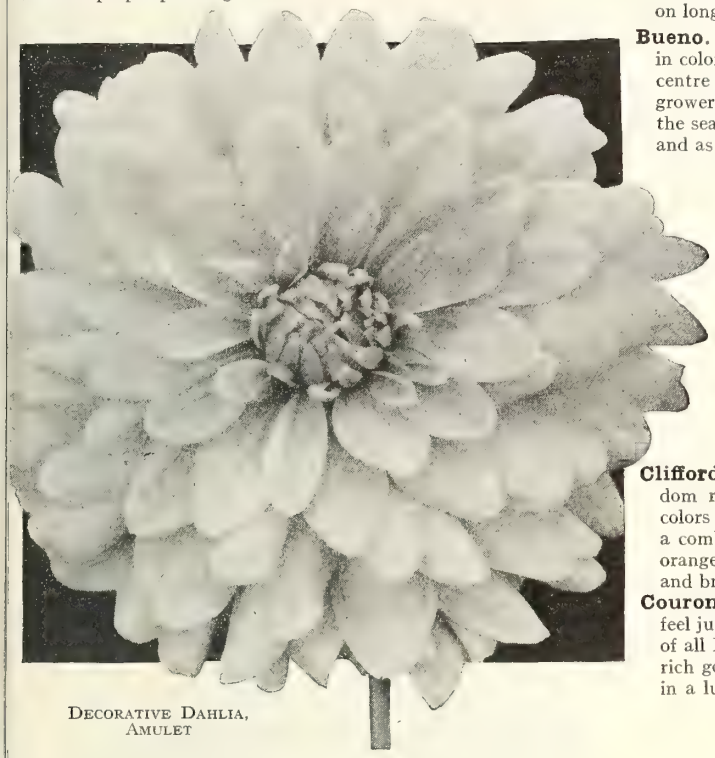
Special Offer. One each of the above 10 Great Dahlias for $5.00.

Note—The Dahlias offered on this page will be supplied in dormant field-grown roots of proper planting size

DREER'S SELECT DECORATIVE DAHLIAS

The Decorative Dahlias are an intermediate form between the Show and Cactus types. Many beautiful varieties have been introduced, some with flat petals, others reflexed, incurved or curiously twisted; but nearly all are without formality or stiffness, and practically all of them are leaders as cut flowers, bearing their large perfectly formed blooms on long, stiff stems, and standing in good condition longer than most kinds; furthermore, they are of easy culture, and seem to adapt themselves to and succeed under the most varied conditions, a combination which assures their continued popularity.

The collection contains many important recent introductions and a selection of the very best standard sorts and all of these will be supplied in dormant field-grown roots of proper planting size.



DECORATIVE DAHLIA, AMULET

Amulet. Of very distinct coloring, a light jasper-red with golden salmon suffusion like richly tinted autumn foliage, a most desirable addition to the autumn tinted sorts. As a cut flower, it is one of the best keeping varieties. $1.00 each.

Amun Ra or The Sun God. Amun Ra is wonderfully distinct in color and formation; while a giant in size, is without coarseness, being perfect in shape. The outer petals of the mammoth flowers are of gorgeous copper and orange tones, shading to gold and amber, deepening in the centre to a dark reddish brown, the effect being that of a gorgeous sunset. $1.00 each.

Augustinus. One of the Chrysanthemum-flowered types of Decoratives, the flowers are very large, composed of long petals which are more or less twisted, forming a most graceful pleasing flower. The ground color is a rosy salmon overlaid with bright metallic lilac. 75 cts. each.

Avalon. Pure clear yellow, the large flowers are very distinct and pleasing, always with a full centre. One of the best of its color. 75 cts. each.

Barbara Latz. Nothing can beat this attractive, medium sized, lemon-yellow for earliness and freedom of bloom. While only five inches in diameter every flower is perfect. 50 cts. each.

Bashful Giant. One of the largest Dahlias yet introduced; a great attractive exhibition flower; color apricot with golden suffusion and shadings. 50 cts. each.

Bertha Jost. A very free flowering handsome Dahlia of large size. Color at base sulphur-yellow, the outer petals blended with peach-pink while the centre is tinted with burnt-orange; quite distinct. $1.00 each.

Bob Pleuse. An effective fancy variety of large size with deep crimson maroon flowers, each petal having a white tip. A sturdy grower, free and early flowering. 75 cts. each.

Bon. A brilliant rich velvety blood-red. A well-built large flower on long stiff stems. 75 cts. each.

Bueno. A large, deep, well built, beautiful flower, very original in coloring, a burnished copper, shading to bright yellow at the centre with the entire flower slightly suffused with rose; a tall grower that produces its flowers freely from early until late in the season on good stems; a splendid keeper, fine for exhibition and as a cut flower. $1.50 each.

Carmencita. A fancy variety of large size, unusual graceful formation, bright yellow, striped with red. The plant is a compact grower, a mass of bloom throughout the season. $1.00 each.

Champagne. Aside of being one of the largest Dahlias this wonderful variety has not only size to commend it but is a model for shape, habit of growth, and above all, its remarkable and distinct color; aptly described by its introducer as golden champagne with chamoise shadings; this color combination no doubt suggested its appropriate name. $1.50 each.

Charm. A greatly admired autumn shade of burnt orange shading to yellow, flowers large of splendid form. $1.00 each.

Clifford E. White. This variety in form, habit, size and freedom reminds one of the popular Judge Marean, like it, its colors vary as the flowers pass through stages of development; a combination of glowing salmon-pink, brilliant red, iridescent orange and gold, all blending harmoniously, but more intense and brilliant than in its prototype. 75 cts. each.

Couronne d'Or (*Golden Crown*). A French variety which we feel justified in placing in the same class with that most popular of all Decorative Dahlias Jersey's Beauty but differs in color, a rich golden apricot with the reverse of golden carmine, reflects in a luminous manner to face of the flower. $1.50 each.

DECORATIVE DAHLIA, ELLINOR VANDERVEER

Note—The Dahlias offered on this page will be supplied in dormant field grown roots of proper planting size

DECORATIVE DAHLIAS
(Continued)

Del Monte Sunshine. A gorgeous flower of very large size, long flat petals, regularly arranged into a most perfect bloom. Early, free-flowering; of a brilliant flaming scarlet with just the smallest tip of golden-yellow to petals. 75 cts. each.

Dolly Varden. One of the earliest and freest flowering varieties with beautiful good sized flowers. The petals curling and twisting delightfully develop a most graceful and attractive bloom of irregular formation. Its color is also most pleasing, a pretty shade of cameo-pink shading to a creamy-pink centre; a splendid cut flower. 75 cts. each.

Don Williams. A seedling from the well known fancy variety Earl Williams but entirely distinct in color. A soft shade of lavender-pink, tipped with white. $1.00 each.

Dora Clay. An artistic and uncommon shape which makes the very large flowers very attractive. Color, white with just the faintest touch of cream. $1.00 each.

Duchesse de Vendome. A French introduction that we can recommend highly both as a garden variety as well as for cut flowers on account of its free-flowering habit, and medium sized pure white flowers. 50 cts. each.

Earl Williams. An exceptionally attractive fancy or variegated variety, the flowers are of largest size, of splendid formation of a brilliant crimson-scarlet color, each petal tipped with white; an early and free bloomer. 50 cts. each.

Eldorado. Picture a comparatively low growing bush with immense golden-yellow blooms which stand up and look you in the face, and you have Eldorado. A strong feature of this beauty is the depth of the flower which corresponds with the size; a splendid Dahlia in every way. $1.00 each.

Decorative Dahlia, Faith Garibaldi

Ellinor Vanderveer. An incomparable Dahlia of exquisite beauty and of great size and depth having every desirable quality. Color a rich, glowing, satiny pink. One of the earliest to come into flower. $1.00 each.

Decorative Dahlia, Jersey's Radiant

Eliza Clarke Bull. A wonderfully good pure white, one of the largest and deepest of its class, of perfect form with petals just sufficiently irregular to prevent any stiffness in formation of the flowers. $1.50 each.

Faith Garibaldi. A California Gold Medal Dahlia with flowers of immense size and great depth, held up straight on strong stiff stems. Color a superb rose-pink. $1.00 each.

Gloire de Verdun. A most perfect flower of giant size; in color a brilliant shade of cardinal red; one of the best and most effective high-colored varieties. 50 cts. each.

Glory of Monmouth. A new color combination in Dahlias, erosine pink shading to strawberry pink at centre of petals, the base of these being a light orange. The flowers are from 6 to 8 inches in diameter, 4 inches deep, very profusely produced. $2.00 each.

Granada. One of Mr. Broomall's splendid introductions, very large, clean cut, broad petaled, variety of a clear lemon-yellow of splendid form on good stems. $3.00 each.

Grenadier. The very large flowers are supported on good stems. The coloring is unique, the face of the flower is a purplish-maroon; the reverse of the petals silvery-white. These are quilled and formed in such a manner as to show both colors; giving the effect of being variegated. $1.00 each.

Halvella. One of the most beautiful. It has flowers not only of large size, but of great depth of most perfect and pleasing form, color a beautiful shade of mallow-pink which is enlivened by a golden sheen. $1.00 each.

Harry Sheldon, Jr. A large well formed flower of delightful color, the outer petals bright lavender-pink with creamy-white centre, strong semi-dwarf growth. $1.00 each.

Hortulanus Fiet. Flower over 8 inches in diameter, of the most delicate shade of shrimp-pink, the tip of each petal barely touched with gold. The entire flower has a suffusion of delicate tints of red and yellow, which gives a glow yet softness of color of great charm. 75 cts. each.

Insulinde. One of the most popular varieties both as a cut flower as well as for garden decoration. The blooms are from 7 to 8 inches in diameter with just sufficient broad, long, curled and twisted petals to form a perfect graceful flower. These are held horizontally on the stem like a Chrysanthemum. Color a beautiful golden ochre, with salmon-red suffusion which deepens towards the centre. 75 cts. each.

Note—The Dahlias offered on this page will be supplied in dormant field grown roots of proper planting size

DECORATIVE DAHLIAS
(Continued)

Islam Patrol. A gorgeously rich colored flower, a dark velvety crimson-scarlet tipped and flushed with pure gold. One of the most brilliantly colored varieties. $1.00 each.

Jersey's Empress. A very large purplish maroon of good formation, composed of long narrow petals, flowers of good depth and substance. $1.50 each.

Jersey's Fiancee. A good sized flower always carried on good stems, color rose-pink, base of petals suffused with yellow and slight golden tips. $1.00 each.

Jersey's Ideal. A deep amaranth-pink, very distinct, with the flowers borne face up like Chrysanthemums on the top of stiff stems, with long petals curling over making a very deep flower; vigorous and free. $1.00 each.

Jersey's King. Very large perfect flowers of a brilliant Oriental-red with carmine suffusion. 75 cts. each.

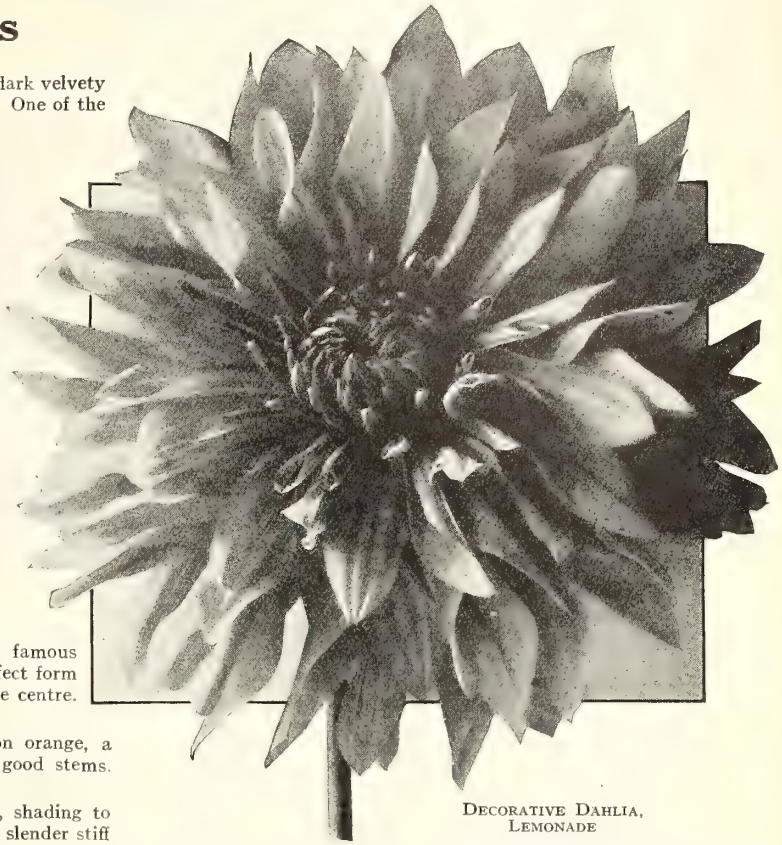
Jersey's Pride. A large attractive flower, apricot orange with golden suffusion. 75 cts. each.

Jersey's Radiant. Very large flower, of bittersweet orange color, one of the best exhibition varieties and fine for cutting. 75 cts. each.

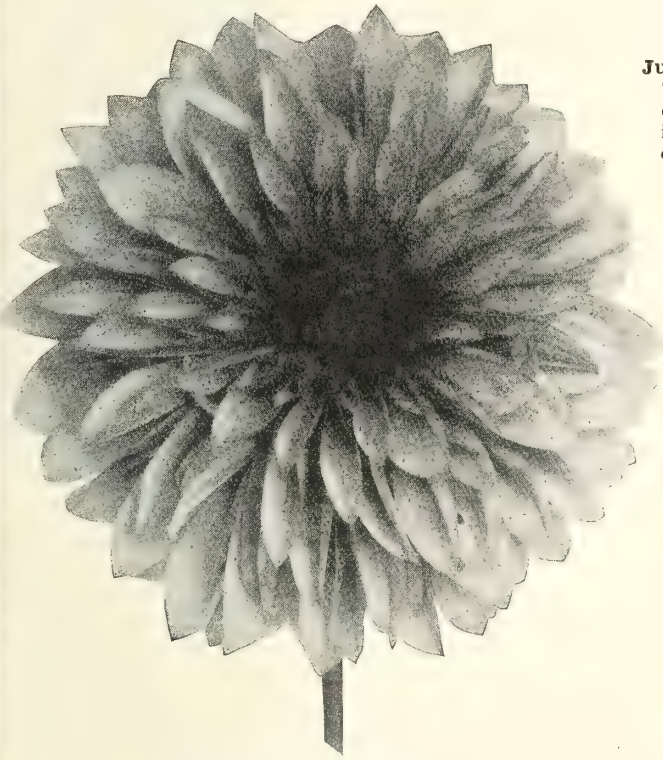
Jersey's Rose. A splendid companion to the famous Jersey's Beauty with flowers of large size and perfect form of a luminous tyrian rose with red suffusion at the centre. 75 cts. each.

Jersey's Sovereign. A distinct shade of salmon orange, a strong vigorous grower, flowers of good size on good stems. $1.50 each.

Jersey's Sweetheart. A dainty attractive pink, shading to white in centre; flowers produced in abundance on slender stiff stems; particularly valuable for cutting. $1.00 each.



Decorative Dahlia, Lemonade



Decorative Dahlia, Marc Aureau

Jessie K. Prescott. Deep orange at centre shading to creamy orange on the outer petals. These are long and narrow and roll backward, giving the flower a light graceful formation. 50 cts. each.

Judge Marean. A very large flower of perfect Decorative shape. The colors changing as the flowers pass through different stages of development are a combination of glowing salmon-pink, red, iridescent orange, yellow and gold, all blending most harmoniously. $1.00 each.

Kittie Dunlap. If this has any weak points we have failed to discover them. It flowers early and continues perfect throughout the season, its blooms are of the largest size, in color it is a much admired beautiful shade of carmine-rose with a brilliant suffusion. 75 cts. each.

Laddie. A soft lemon-yellow with orange-buff suffusion, this suffusion in the depth of the flower gives it a glowing color that makes it particularly attractive, the flowers are of large size, produced very freely. 50 cts. each.

Leah M. Gleadell. Perfect blooms always greatly admired. The color is copper illuminated with gold; very free, a splendid cut flower. $1.00 each.

Lemonade. A splendidly formed deep flower of very large size holding its good shape to the end of the season, color a clean pale shade of lemon. The flowers are supported on good stems and are produced very freely, good for all purposes. $1.50 each.

Lilian Baldwin. Its effective color, a lively iridescent, glistening bright pink, makes this a favorite cut flower, particularly under artificial light, in which it reflects a bright golden sheen. The plant is very free flowering, carrying its blooms on good long stems. $1.00 each.

Louise Aureau. A splendid garden variety with fair-sized flowers produced most profusely of a bright pure mauve. 50 cts. each.

Lydia Poole. A closely built large flower of a brilliant lavender pink, an early and free bloomer holding its full centre to the end of the season. 75 cts. each.

Note—The Dahlias offered on this page will be supplied in dormant field grown roots of proper planting size

DECORATIVE DAHLIAS

(Continued)

Marc Aureau. One of the earliest and most profuse flowering Dahlias in our collection. A finely formed flower of large size, of a good sulphur-yellow, shading to lemon-yellow at the centre, continuing in good shape throughout the season. Excellent long wiry stems. 50 cts. each.

Margaret Masson. One of the finest exhibition varieties with very large full flowers of splendid form. Color a most pleasing shade of silvery lavender-pink. Has been awarded many prizes and attracted much attention at the shows. $1.50 each.

M. H. de Young. Not only a splendid large exhibition variety but equally good for garden decoration or as a cut flower. Color pure old gold with scarcely any variation except an iridescent, slightly higher colored centre. It is always a mass of bloom on splendid stems with the flowers held well above the foliage. $1.00 each.

Miss Freeman. Large perfectly formed decorative flowers of a pleasing shade of salmon-orange with peach-red suffusion; a fine cut flower. 50 cts. each.

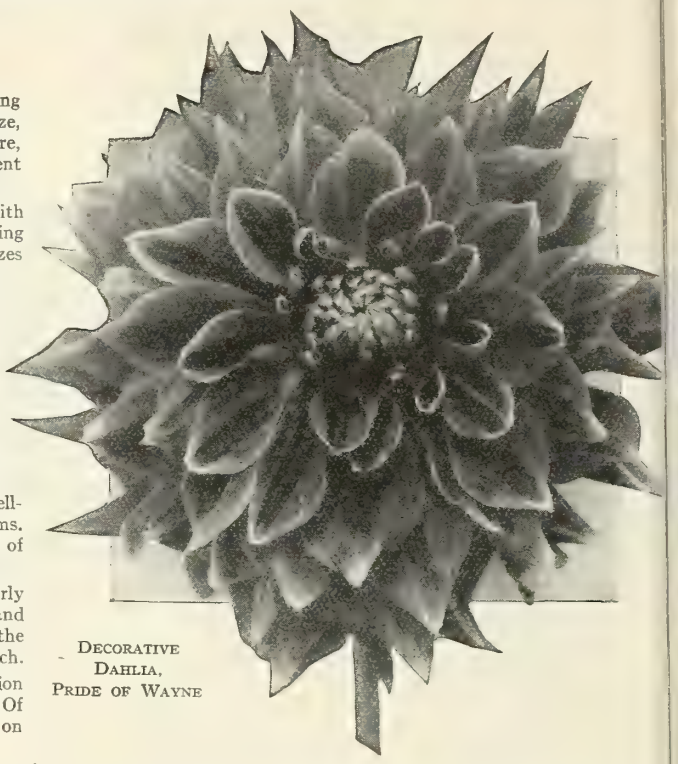
Monmouth Jewel. A seedling from Amun Ra with large well-formed flowers held well above the foliage on strong stiff stems. Color bittersweet orange, shaded lemon chrome at base of petals. $2.00 each.

Mr. Alex Waldie. A large, well-formed flower, a particularly soft and pleasing color, being a creamy-ground, overlaid and suffused with delicate salmon-pink on the outer petals, the centre creamy-white, a dainty color combination. 75 cts. each.

Mr. C. H. Dresselhuis. A soft rose-pink with white suffusion towards the tips, and one of the most prolific bloomers. Of medium size just right for cutting; splendidly supported on very long stiff stems. 50 cts. each.

Mr. Crowley. An exquisite shade of salmon-pink with the base of the petals golden-yellow, flowers of large size and come on stout stems on plants of very compact habit of growth, a splendid exhibition flower. 75 cts. each.

Mrs. C. H. Breck. A splendid all around variety either for garden decoration or for cutting. Its flowers are always of perfect shape, full double to the centre of a soft yellow deeply suffused with carmine. 50 cts. each.



Decorative Dahlia, Pride of Wayne

Decorative Dahlia, Picture

Mrs. Eleanor Martin. Very large flowers, can be grown to ten inches in diameter. The form is of best exhibition type and the coloring is unique, different from all others, a beautiful mulberry with golden suffusion. $1.00 each.

Mrs. I. de Ver Warner. A wonderful Dahlia that has justly gained a great reputation, produces great masses of large absolutely perfect flowers under all conditions. In color it is of that refined pleasing mauve-pink that is usually referred to as an orchid coloring and which everyone loves. It comes into flower early and continues in good shape to the end of the season. 50 cts. each.

Mrs. Nat Slocombe. No other variety approaches this for a good all around bright primrose-yellow; it is fine in color, of splendid shape and very free flowering. 75 cts. each.

Olivia. The medium-sized flowers of perfect form; produced very freely are of an attractive violet-mauve; usually tipped with a small dash of white. $1.00 each.

Oregon Beauty. Remarkable for its large size and brilliancy of color, an intense Oriental-red with golden sheen and garnet suffusion which makes it stand out prominently in the garden among all others. 50 cts. each.

Patrick O'Mara. Named in honor of one of America's noted horticulturists. It is of free-flowering habit. The flowers are of good size, perfect form, and in color a rich chrome-yellow with salmon-red suffusion. 75 cts. each.

Paul Michael. One of the sensational large exhibition flowers that always attracts attention, petals quilled at base, curled and twisted, color pure gold, shaded orange-buff at centre, very free-flowering. 50 cts. each.

Picture. A delicately colored variety that always pleases. The flowers of good size are of perfect Decorative form. Color a delicate lemon-yellow with a distinct but soft suffusion of capucine-buff. A fine cut flower. $1.00 each.

Pink Perfection. This is a pink flowered form of the popular Hortulanus Fiet, it is of giant size, of perfect Decorative form held erect on stiff stems and free-flowering. In color it is a beautiful shade of salmon-pink, with old rose suffusion and illuminated with a lively golden sheen. 75 cts. each.

Pride of California. A brilliant, glowing cardinal-red, of good size, very free and wonderful keeper as a cut flower, the best of its color. 50 cts. each.

Note—The Dahlias offered on this page will be supplied in dormant field grown roots of proper planting size

DECORATIVE DAHLIAS
(Continued)

Pride of San Francisco. Of strong vigorous but compact habit of growth. Flowers of good size and of most perfect form borne on stiff stems of sufficient length to make them as valuable for cut flowers as for garden decoration. Its color is difficult to convey. The petals are of a most pleasing shade of salmon-pink, with soft rose suffusion towards the tips of the outer petals, and with golden base, the color effect as a whole being a pleasing brilliant golden salmon-pink, which is just as effective under artificial light as in daylight. $1.00 each.

Pride of Wayne. A large flower of good depth and absolutely perfect form on splendid stems, color rich brilliant French-purple; a fine exhibition variety. $1.00 each.

Riverton Beacon. A splendid large flower with broad curled petals of gorgeous coloring, a rich primrose-yellow base suffused, striped and marked with Oriental red in such a way as to produce a most brilliant display; early, free and continues to the end of the season. 75 cts. each.

Riverton Charm. A beautiful luminous silvery rose-pink. 75 cts. each.

Riverton Coral. Light coral-red with rosy-red reflections. 75 cts. each.

Riverton Gem. Old rose with coppery suffusion. 75 cts. each.

Riverton Golden Glow. Rich deep yellow. 75 cts. each.

Roman Eagle. A typical autumn shade, a brilliant, flaming, burnished-copper color. Flowers large, held well above the foliage on long stiff stems, a very profuse bloomer. $1.00 each.

Rookwood. A remarkably distinct Dahlia in every way, habit of growth, heavy, vigorous and spreading but dwarf, free-flowering, coming into bloom early and producing 100 per cent. perfect flowers to the end of the season. In color a pleasing shade of cerise-rose which does not vary during the entire season. $1.50 each.

Rosa Nell. It is not possible to find a better Dahlia of its color. The flowers are large, of best Decorative formation, they are borne on long, stiff stems; in good shape to the end of the season. It is the brightest rose. 75 cts. each.

Royal Gold. A wonderful free bloomer, flowers of good size of a striking luminous tone of golden amber. 50 cts. each.

Sagamore. Light saffron-yellow with glowing red-tinted golden suffusion. A good free bloomer with medium sized flowers which are particularly prized for cutting. $1.00 each.

Salmon Perfection. An ideal cut flower of medium size, of very perfect form, and long stems, a beautiful pure salmon in color. $1.00 each.

Santa Rosa. Beautiful distinct old rose of very good form on good stems; an exceptionally good cut flower. 75 cts. each.

Savoy. A fine exhibition and garden Decorative variety of a bright tyrian-pink with brilliant, aniline red shadings which become most intense late in the season. 75 cts. each.

September Glow. Flowers of good size of a bright amber-yellow illuminated with a golden-salmon suffusion; a free flowering garden variety that is always a mass of bloom. 75 cts. each.

Shelikoff. A rich glowing deep garnet, large sized, deep flowers of great substance and fine form, always full to the centre, one of the very good dark varieties. 75 cts. each.

Snowdrift. For garden decoration nothing compares with this splendid giant variety with its broad waxy white petals which form a most perfectly shaped flower. 75 cts. each.

St. Francis. Soft cream color brightened with a pinkish glow on the outer petals creating a delightful blossom, which can be used for all purposes. Valuable as a cut flower on account of its keeping qualities and rigid stem. Admirable for exhibition for its large size. $1.50 each.

Susan Magill. A deep shade of lilac is not an attractive description for a Dahlia, nevertheless this variety is admired by everyone; a large, well shaped flower. $1.00 each.

Tanforan. Very large brilliant scarlet with garnet shadings arranged in fine form with more or less curled and twisted petals. A robust grower of free-flowering habit. 50 cts. each

Tommy Atkins. Remarkable for its wonderful flaming scarlet with golden metallic lustre, the brightest and richest red yet produced. The flowers are very large, but not at all stiff or formal and continue good to the end of the season. $1.00 each.

Trentonian. A giant Decorative of outstanding merit of a distinct and appealing color, a wonderful shading of old gold, amber and coppery bronze, with a centre of reddish bronze, forming a flower of marvelous brilliancy. A flower of lasting quality, a splendid exhibition variety. 75 cts. each.

Tresor Anversois. One of the most beautifully shaped and refined large flowers in our collection and a gem in every way, being early, free, and different in coloring from any other, a most striking and attractive pure lavender pink with silvery suffusion. $1.50 each.

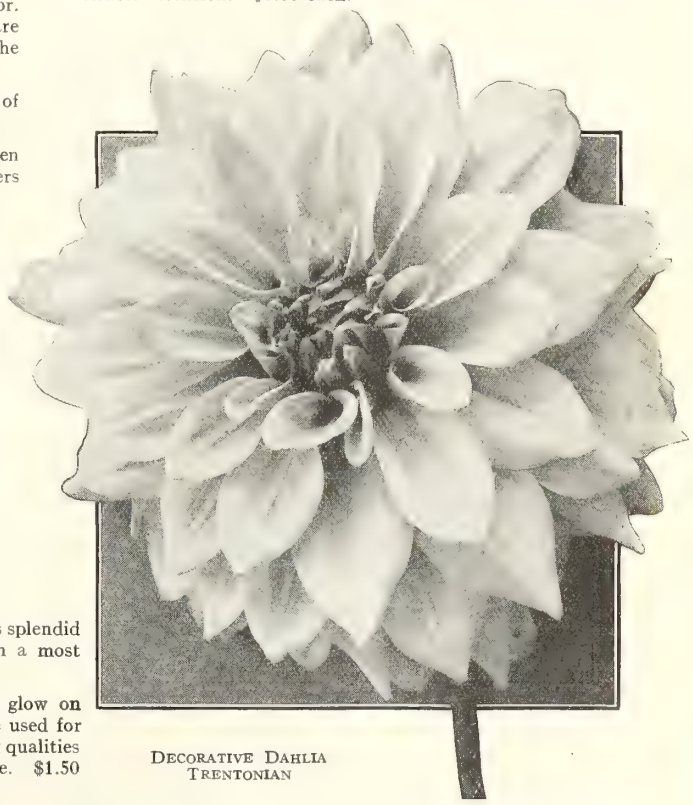
U. S. A. Probably no other Dahlia has met with such favor as this, which is entirely distinct in color from all others, a pure deep orange, sparkling and glistening, an unusual color in Dahlias. These flowers are of large size, of good formation, on excellent stems, held so as to display their full beauty. $1.00 each.

Whopper. A giant Decorative with well-built deep flowers of a most pleasing shade of yellow-buff, suffused with orange. In form it is all that can be desired. 75 cts. each.

William Slocombe. A beautiful clean-cut, pure canary-yellow of splendid form, with very large flowers; it is early flowering and continues good to the end of the season. 75 cts. each.

Wizard of Oz. A great Dahlia from all points of view, size, formation, color, habit of growth and freedom of bloom. Really a wonderful all around Dahlia, be it for the garden, exhibition or cut flower. In color it is a rare shade of amber-pink with soft salmon shading or suffusion. $1.00 each.

Yukon. Distinctive royal purple with a blue light running through the centre of the flower which is of good size and always attracts attention. $1.00 each.



DECORATIVE DAHLIA
TRENTONIAN

SPECIAL OFFER.—One root of proper planting size each of the 100 Select Decorative Dahlias as offered on pages 159 to 163, a grand collection of this desirable type amounting at single rates to $91.50 for $75.00

CHOICE CACTUS DAHLIAS

We offer on this and the following page a list of choice Cactus and Hybrid Cactus sorts of recent introduction, together with the older well-tried gems which have made a reputation for themselves.

All of the Dahlias offered under this heading will be supplied in dormant field roots of proper planting size.

Ambassador. Color a soft yellow at the centre with salmon, amber and pink shadings, gradually deepening towards the tips. The blending of these colors captivates all. The flowers are of largest size and set just right on perfect stems. A strong grower and free bloomer. 75 cts. each.

Arthur Twitchett. Very large deep flower composed of many incurved petals forming a most attractive graceful flower. Color, early in season, white with just a flush of pink changing to white late in the season. $1.00 each.

Break O'Day. A good sized flower with a full, high centre, with more or less curved and twisted petals, intermingled with the flatter ones, forming a most attractive, graceful flower. In color, a clear sulphur-yellow, shading to sulphur-white at the tips, early and free-flowering. 50 cts. each.

California Beauty. Probably the nearest approach to a pure copper, a flower of excellent form and dainty appearance produced most prolifically on long stiff wiry stems; a gem in the garden and a splendid cut flower. 50 cts. each.

Cardinal Superba. A marvelously brilliant giant Cactus with immense flowers of most perfect form and of brilliant red with golden metallic lustre. It has good stiff stems holding the flowers in such a manner as to display their brilliant beauty to full advantage. $1.00 each.

Cigarette. Creamy white, heavily edged with pomegranate red, but it varies greatly, no two flowers being exactly alike. The petals are long and inclined to roll, forming a large, deep, well-shaped flower of great substance on very long stems of best quality. 75 cts. each.

Dempsey. Good large well-formed flowers with somewhat curled petals on good stiff stems of a brilliant French purple; an effective exhibition and garden variety. 50 cts. each.

Elsie Daniels. Very soft lavender-pink shading to pearly-white at centre, long, more or less wavy petals forming a most perfect shaped large flower on excellent stems. $1.00 each.

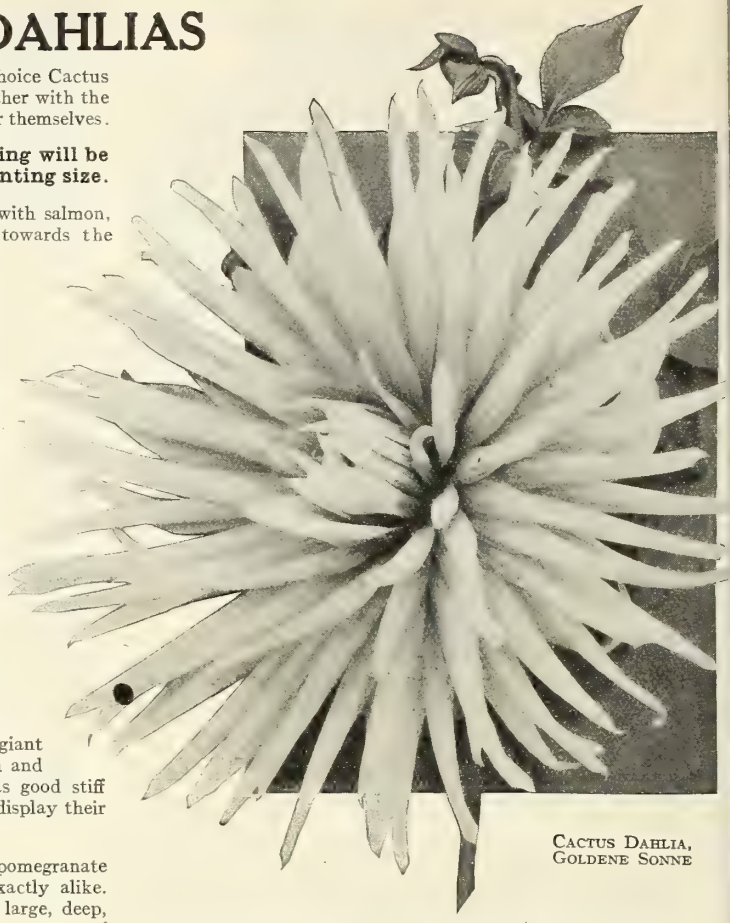
Esther Hunt. A large flower, distinct and beautiful both in form and coloring, the latter being a striking luminous tone of chinese-orange. The flowers are most perfect in form with good full centres, which remain in good condition until the flowers have faded. 50 cts. each.

Esther R. Holmes. A most graceful flower of good size, a most delicate and pleasing shade of mauve-pink, a fine cut flower. 50 cts. each.

Etendard de Lyon. Everyone admires this beautiful rich carmine-rose or royal purple. The flowers are distinct in shape from all others, with broad, curling, wavy petals which form a large flower without any stiffness or formality. 50 cts. each.

F. W. Fellows. One of the very best Cactus varieties ever raised, with flowers of unusual size for the long narrow petaled type of which this is one of the finest representatives. In color it is an intense coral-red with deeper suffusion at the centre; no collection of Dahlias is complete without it. 50 cts. each.

George Walters. While introduced some ten years ago, it is still one of the most popular large flowered Californians, producing its blooms very freely on long stiff stems, of a pleasing salmon with shrimp-pink shadings; a fine garden variety and good cut flower. 50 cts. each.



Cactus Dahlia, Goldene Sonne

Gladys Bates. Very large perfect flowers, with incurved petals of a golden salmon, the reverse of the petals being rose, the two colors giving the effect of a golden old-rose. It is an early, free and continuous bloomer with exceptionally good stems, one of the most popular Decorative varieties. 50 cts. each.

Gladys Sherwood. A wonderful white. We have seen flowers over 10 inches in diameter composed of long curling petals of glistening white forming a flower of unusual depth. $1.00 each.

Goldene Sonne. Andreas Hofer described on page 158 of this book, a variety which, however, is yet but little known, is one of the finest and most graceful delicate pink Cactus varieties we know. In Goldene Sonne we have its counterpart in formation but with a larger flower and of a rich golden yellow with soft rose suffusion. $1.00 each.

Jean Chazot or Gay Paree. This French introduction is one of the very best all-around varieties that has yet been produced. A beautiful golden bronze with a faint touch of Nasturtium red and unsurpassed by any of the autumn tints as a cut flower. A free upright grower, long stiff, wiry stems hold the flowers well above the foliage in such a manner as to display their full beauty; it is one of the most prolific to flower, coming into bloom early and continuing in good condition to the end of the season. 75 cts. each.

Koh-I-Noor. Maroon, and at times so dark as to be nearly black. The flower texture has a pronounced velvety sheen which adds greatly to its beauty. In form, a perfect Hybrid Cactus, the blossoms very large and deep with perfect centre throughout the season. $1.50 each.

Lolita Velasco. There are many good white Cactus Dahlias and all of them have some distinctive merit of their own. We should hesitate to designate any one of them as the best white on all points, but if we had to select one individual sort, we would take this splendid variety which is composed of long straight petals which form into a flower of perfect shape. $1.50 each.

Note—The Dahlias offered on this page will be supplied in dormant field-grown roots of proper planting size

CHOICE CACTUS DAHLIAS
(Continued)

Marian Moore. A clear pinkish cerise without the slightest taint of magenta, the reverse of the petal being of a lighter tint. The flowers are large, of perfect incurved formation with perfect stem, a free and early bloomer. 75 cts. each.

Mariposa. A perfectly formed Hybrid Cactus composed of long narrow incurved petals which curl and twist so as to baffle an artist. A delightful shade of true pink which is intensified by a deeper centre, a faint violet suffusion adds to the effect. Blooms early and continues in good shape to the end of the season. 75 cts. each.

Mercedes. A gay and entrancing flower of large size, of a creamy-yellow suffused with sunset pink, the reverse of the petals a deeper shade of pink. One of the earliest and freest bloomers. 75 cts. each.

Mme. Diesny. A fine Dahlia of good size composed of moderately loosely arranged petals of a beautiful lively shade of amaranth-pink. A very free producer; a wonderful exhibition and garden variety. 75 cts. each.

Mrs. Edna Spencer. One of the best of the narrow petaled Cactus varieties, the large flowers are produced on strong stems and are of a most delicate lavender-pink color with white suffusion. One of the best for cutting. 50 cts. each.

Mrs. Ethel F. T. Smith. Creamy white shading to lemon at the centre. This is a close counterpart except in color to Gladys Sherwood; the flowers are of the same formation but still larger and not quite so deep in the centre; a remarkable Dahlia. $1.00 each.

Mrs. J. L. Gardner. An attractive and refined flower of perfect formation on perfect stem. Color deep red with white tips. This without question is the finest of the white tipped red varieties, very free. $1.00 each.

Nagel's Glory. A distinct and pretty large incurved flower composed of long narrow petals of a soft naples yellow with salmon suffusion. Flowers produced very freely supported on unusually stiff stems, a most unique and novel flower both in color and formation. $1.50 each.

Nagel's Wonder. A gorgeously colored flower and unique in formation reminding one in this respect of a big semi-incurved Chrysanthemum. The petals are long and narrow, more or less tubular and curled with deeply cleft tips adding to its graceful make-up. The color is a brilliant scarlet-red, lightly tipped and more or less striated with yellow. $1.50 each.

Nibelungenhort. This is always greatly admired, with flowers composed of rather broad, more or less curled and twisted petals of a beautiful shade of old rose with golden-apricot suffusion. 50 cts. each.

Papillon. One of the largest of this type, a greatly improved Geo. Walters, it is a beautiful blending of old rose with golden lights. An exceptionally fine exhibition variety. 75 cts. each.

Paradise. Of the well known George Walters type in formation but entirely distinct in color; creamy old-rose suffused with gold in such a manner as to give it a striking brown tone; extremely free with perfect stems. 75 cts. each.

Picotee. Color of rich luminous crimson-carmine with the reverse of petals a silvery white color, the petals being fluted on the ends; this reverse side presents itself in such a manner so as to give the flowers the appearance of being tipped with white. 50 cts. each.

Pierrot. A unique and striking color, and of unusual grace, being composed of very long, narrow tubular petals, which are of a deep amber color, usually showing white tips, but even when it comes a self color without these tips it possesses an individual refinement different from all other sorts. 50 cts. each.

Serenade. A perfectly formed incurved flower on the style of a water lily, color an iridescent old rose that shimmers in the sunlight like changeable silk, the reverse of the petals is violet, the central petals shaded with gold. $1.00 each.

Shirley Brown. One of the largest of the Hybrid Cactus varieties. It can be grown to over ten inches in diameter. The flowers are of splendid form of rich old gold, with rich orange-red shadings; an early free-flowering variety with splendid stems. 75 cts. each.

Cactus Dahlia, Esther Hunt

Sinbad. Color a bright maroon with the reverse of the petals a lighter shade, and as they twist and turn the effect is a blossom tipped with mauve. The form is incurved. 75 cts. each.

Springfield. An improvement over the variety Countess of Lonsdale, which for many years was considered one of the very best Cactus varieties for general cultivation. In Springfield, we have the same beautiful blending of salmon-pink and amber, possibly more intensified and luminous, and even freer flowering. 50 cts. each.

Sulphur Queen. A splendid large flower of true Cactus form of a clean sulphur-yellow, early and free; the best of this color yet introduced. 50 cts. each.

Sunny South. A large flower described by the introducer, Mr. Broomall, as the finest yellow he has seen in any type. A bright clear yellow without any shading; of fine deep formation, sturdy habit with flowers held well above the foliage. $2.50 each.

Talisman. A gorgeously colored flower of a deep blood-red with maroon shadings. Many of the long petals incurve slightly showing the reverse of the tips which gives the flower a more or less buff-tipped appearance. 75 cts. each.

The MacGregor. A seedling of George Walters, of which it is an exact duplicate in size and shape. The flowers are large and full. Color spectrum-red; an unusual color in Dahlias. The base of the petals is lemon-yellow. It is unsurpassed for garden decoration and keeps exceptionally well when cut. It is one of the first to flower and continues in good condition to the end of the season; one of the best all around reds in cultivation. $1.50 each.

Zante. A large golden-yellow but decidedly different, it is heavily suffused with apricot pink with deeper shading. The flower has great depth, built of heavy evenly rolled petals. An early free bloomer that will please for all purposes. 75 cts. each.

SPECIAL OFFER.—One dormant root of proper planting size each of the 42 Choice Cactus Dahlias, as offered on pages 164 and 165, amounting at single rates to $35.25 for $30.00

Dreer's Dainty Double Pompon Dahlias

These dainty little gems are admired by everybody and are deservedly rapidly growing in popular favor. They bloom most profusely from early in the season until frost, furnishing at all times an abundance of perfect flowers on good stems suitable for cutting, for which purpose they are exceptionally well adapted, lending themselves admirably to house and particularly to table decoration, where larger Dahlias would be out of place; furthermore, the lasting qualities of the cut blooms are from two to three times that of the larger flowered types.

Aimee. Miniature salmon shaded buff.
Anna von Schwerin. Delicate light rose.
Catherine. Well formed primrose-yellow.
Daisy. Early, free flowering salmon-rose.
Dandy. Small perfectly formed very pretty orange.
Dee Dee. A pretty miniature lilac.
Dr. Hirschbrun. A beautiful pleasing soft lilac rose.
Glow. Very free charming old rose.
Gretchen Heine. A rose-tinted white, tipped carmine.
Ideal. A splendid little pure yellow.
Janet. Rich small saturnine red.
Joe Fette. A beautiful pure white.
Johnnie. One of the tiniest of all, very dark red.
Jonkheer von Citters. Yellow tipped orange.
Kleine Domitea. Pretty orange buff.
Lassie. Old rose, suffused with yellow at base.
Little Beauty. Small closely quilled pearl rose.
Little Beeswing. Red shading to yellow at tips.
Little Jewel. A miniature Decorative Pompon of a beautiful peach blossom pink.
Neatness. Creamy yellow with just a dash of blush pink at centre.
Nellie Frazer. A beautiful pink.
Nerissa. A much admired soft mauve pink.
Rosebud. White, laced mallow pink at tips.
Sunbeam. Brilliant crimson scarlet.
Sunset. Brilliant orange scarlet.
Yellow Gem. Very perfect yellow.

Price. 50 cts. each; $5.00 per doz. One each of the collection of 26 Dainty Pompon Dahlias for $10.00.

Double Pompon Dahlias

Dreer's White Show Dahlia

Double Show Dahlias

This is the old-fashioned densely double type which will always have many admirers; they are very free, early and continuous bloomers.

A. D. Livoni. A splendid clear pink, beautifully quilled, of perfect form.

American Beauty. One of the very best of this type, a brilliant crimson-red with French-purple suffusion, a rich glowing color.

Cuban Giant. Very large ball-shaped flowers of a bright maroon.

Dreer's White. A pure glistening white, a large ball-shaped flower with closely quilled petals.

Dreer's Yellow. The best yellow Show Dahlia yet sent out. A good grower, early and profuse bloomer. In general form and make-up, the flowers resemble Dreer's White, but larger.

Maud Adams. White with delicate lavender suffusion.

Paul David. A brilliant carmine-red, one of the largest and most perfect Show Dahlias.

Stradella. Beautiful deep purple crimson.

Price. Any of the above Double Show Dahlias, 35 cts. each; $3.50 per doz. One each of the 8 sorts, for $2.50.

Note—The Dahlias offered on this page will be supplied in dormant field-grown roots of proper planting size.

Peony-flowered or Art Dahlias

The artistic flowers are best compared to the semi-double Peonies in general form. They all flower very freely and are borne on long, strong stems, making excellent material for cutting as well as for garden decoration.

Dreamlight. A large full flower composed of many narrow flat petals of a lovely shade of pale old rose illuminated with yellow at the base. Numerous twisted and curled petaloids around the disc make the Peony formation most perfect and the flower most attractive. 75 cts. each.

Drum Major. One of the largest of the Peony-flowered type which under ordinary field culture attains a size of over 8 inches; in color, it is one of the most brilliant, a rich fiery-red which is intensified by a lemon-yellow centre with which the petals are also more or less tipped and marked. 50 cts. each.

Hampton Court. One of the best; a bold flower of good form, of a bright mauve-pink. 50 cts. each.

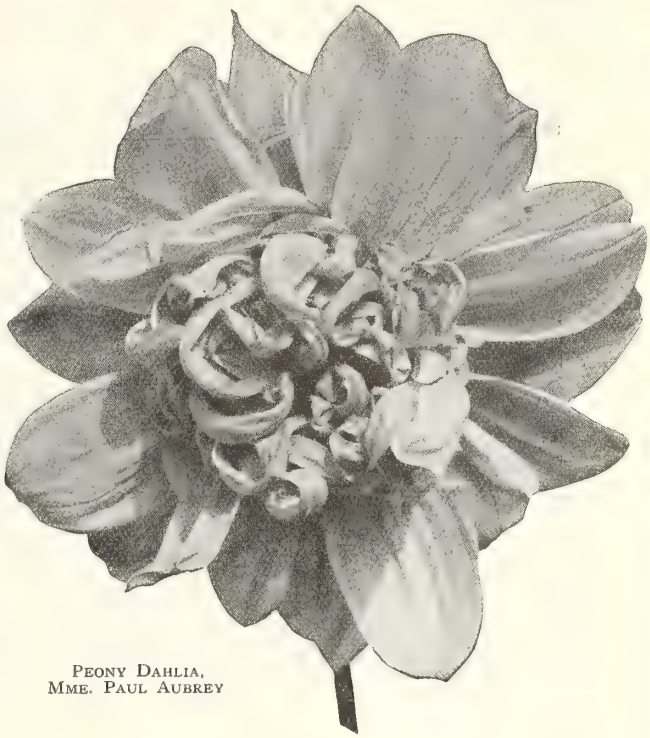
Mme. Coissard. To us this is the most artistic and graceful Dahlia of this type; its flowers are large, composed of incurving shell-like petals; these are of brilliant French purple or carmine-crimson, freely marked and suffused with white. 50 cts. each.

Mme. Paul Aubrey. A distinct and desirable novelty of true Peony form. In color a beautiful rich deep mauve-pink. The outer petals are broad and flat, the centre petals quilled and rolled towards the centre. 50 cts. each.

Mme. Vard. Deep Oriental red with golden disc and markings, a gorgeously colored effective flower of good size. 50 cts. each.

Mexico. Brilliant cardinal-red with yellow markings and suffusion, one of the largest of this type, gay and attractive and very free. 50 cts. each.

Mondscheibe. Large canary-yellow, very free-flowering and attractive. 50 cts. each.



Peony Dahlia, Mme. Paul Aubrey

Vivandiere. Of immense size and great depth; color a lively cherry-carmine, shading lighter towards the tips. 75 cts. each.

The Mahdi. A very large fancy Peony of good form, of a rich blood-red mottled and streaked with creamy-white and yellow; a very attractive flower. 75 cts. each.

One each of the 10 varieties for $5.00

New Century Single Dahlias

Hazel Heiter. Bright crimson-carmine, with deeper shadings, base of petals canary-yellow.

Rose-pink Century. A clear rose-pink color; a strong grower, with long, stiff stems; fine for cutting.

Scarlet Century. Brilliant scarlet with golden disc.

Snowflake. Very free-flowering; pure white.

St. George. A splendid primrose yellow.

Tango Century. Cadmium-yellow shaded orange-scarlet, distinct and novel.

Twentieth Century. Intense rosy crimson, shading gradually to almost white on the edges and a light halo around the disc.

Price. Any of the above, 35 cts. each; $3.50 per doz. One each of the 7 varieties for $2.00.

New Century Single Dahlia

Collarette Dahlias

The Collarette Dahlias have artistic single flowers with an additional row of short petals around the disc, forming a frill or collar, which is usually of a different color from the rest of the flower. Very graceful for cutting, particularly when arranged in vases by themselves.

Ami Nonin. Dark crimson-carmine, collar white suffused rose.

Maurice Rivoire. Ox-blood red and white fringed collar.

Mme. Gygax. Bright cochineal-red, primrose yellow collar.

Rosette. Giant size, velvety cerise suffused white, white collar.

Price. Any of the above choice varieties, 35 cts. each. A collection of one each of the 4 sorts for $1.25.

DREER'S SELECT
Hardy Perennial Plants

A Hardy Perennial Border

The growing popularity of the **Old-fashioned Hardy Garden Flowers,** the inhabitants of the perennial garden is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical. Beginning in April, the early-flowering varieties open their flowers often before the snow has entirely disappeared, and continue, with constant changing variety, throughout the summer until late in the fall when only severe freezing weather will stop such persistent late-blooming kinds as Japanese Anemones, Pompon Chrysanthemums, Gaillardias, Eupatoriums, Tritomas, etc.

Many not thoroughly familiar with this class of plants have an idea that nothing but a large field-grown clump will give satisfactory returns the first season. This, as experience has taught us, is in most instances a mistake. A vigorous plant of proper size will, in nearly every case, give quicker and better returns than the best so-called "field clumps." The majority of the stock offered in this catalogue is pot grown. This does not mean that the plants have been altogether pot-grown, but that they have been field-grown and dug and potted up during the fall months, and such stock can be planted, even late in the spring, with practically no loss, which, in the case of clumps, is often quite serious.

We have prepared a leaflet on
THE MAKING AND CARE OF AN OLD-FASHIONED HARDY BORDER
and
HARDY PERENNIAL PLANTS SUITABLE FOR THE ROCK GARDEN
giving list of suitable plants for positions either in sun or shade.
Copies free on request.

We also offer several good books on the culture of Hardy Perennials, a list of which will be found on the inside of the back cover of this catalogue.

DREER'S COLLECTIONS OF HARDY PERENNIAL PLANTS

The list of Hardy Perennial Plants which we offer in our Garden Book is admitted to be one of the most complete and up-to-date collections in the country, and we are continually adding all the new, rare and desirable sorts.

While we are not in the landscape business and cannot undertake the preparation of plans for planting or laying out of grounds we have had prepared by a competent landscape architect a series of **Plans of Hardy Borders** with a list of suitable plants for positions either in sun or shade. Also a list of plants suitable for Rock Gardens with general advice on the construction and care of same. We will be pleased to send this leaflet free on application. We also offer customers who are not acquainted with the different sorts the following collections, all in good, strong roots, which when once planted will, with little care, keep the garden and Rock Garden gay with flowers from the time the frost leaves the ground until late in autumn. These collections are made up of species and varieties **strictly of our selection, and we are unable to submit list of contents, as the assortment varies at different periods during the planting season.**

HARDY PERENNIALS FOR BORDER OR GARDEN PLANTING

12 distinct species, our selection	$2 50
25 distinct species, our selection	5 00
50 distinct species and varieties, our selection	9 00
100 distinct species and varieties, our selection	18 00

HARDY PERENNIALS SUITABLE FOR ROCK GARDENS

12 distinct species, our selection	$3 00
25 distinct species, our selection	6 00
50 distinct species and varieties, our selection	12 00
100 distinct species and varieties, our selection	20 00

NOTE—All Plants, Roots and Bulbs are forwarded by express, purchaser paying charges. If wanted by parcel post add to value of order in accordance with rates given on page 119 and on Order Blank.

DREER'S SELECT
HARDY PERENNIAL PLANTS

All plants are forwarded on receipt of order unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward most plants by Parcel Post, and if wanted sent in this way, add to value of order in accordance with note on page 119.

Acanthus (Bear's Breech)

Mollis Latifolius. A handsome decorative plant of stately effect, with deeply-toothed, heart-shaped leaves, 2 feet long by 1 foot wide, either for planting as single specimens on the lawn or in the border, or for grouping with other plants for sub-tropical effect, producing 3 feet high spikes of curious rose-colored flowers during August and September. The ornamentation of the Corinthian column is said to have been suggested by the leaf of this plant. 35 cts. each; $3.50 per doz.

Achillea (Milfoil or Yarrow)

Filipendulina (*Fern-leaved Yarrow*). A showy sort with dense heads of golden yellow flowers. 3 feet. June and July.

Millefolium Roseum (*Rosy Milfoil*). Finely cut deep green foliage, flowers pink in dense heads; 18 inches high, and flowers all summer.

Ptarmica Fl. Pl. The Pearl. Pure white flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; as a summer cut flower it is of great value.

— **Boule de Neige** (*Ball of Snow*). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centres, which makes it appear purer in color.

Rupestris. A compact low growing Alpine forming cushions of attractive silvery foliage and masses of snow white flowers in May and June.

Tomentosa (*Wooly Yarrow*). Handsome cut foliage and bright yellow flowers in a multitude of flat heads during June; height about 12 inches.

Umbellata. A rare and dainty rock plant with silvery foliage and white flowers in June.

Price. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Alyssum Saxatile Compactum, on Rockery

Aconitum

Aconitum (Monkshood or Helmet Flower)

Aconites form bushy clumps, and are invaluable for planting under trees or in shady or semi-shady positions.

Fischeri. A dwarf variety growing 18 inches high, with very large pale blue flowers in September and October.

Lycoctonum. A distinct free flowering pale yellow blooming in June and July. 2 feet.

Spark's Variety. The darkest blue of all; 30 inches high; flowers in June.

Wilsoni. Tall growing, 5 to 6 feet, very late fall, violet blue flowers; very effective.

Price. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Aethionema (Lebanon Candytuft)

Persicum. Beautiful shrubby alpines of spreading habit. Deep rose color, flowering from May to August, well adapted for the rockery or the border. 12 to 15 inches.

Iberideum. A free flowering trailer for the rock garden with gray glaucous leaves and white flowers in April and May.

35 cts. each; $3.50 per doz.

Agrostemma (Rose Campion)

Stout, erect-growing plants with silvery foliage, which contrasts well with the showy flowers, which are produced during June and July.

Coronaria (*Mullein Pink*). Bright rosy-crimson; 2½ to 3 feet.

— **Alba.** A pure white variety.

25 cts. each; $2.50 per doz.; $15.00 per 100.

Ajuga (Bugle)

A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow; flowers in May and June. 6 to 8 inches.

Genevensis. Deep blue flowers.

Reptans Rubra. Bronzy foliage, blue flowers.

30 cts. each; $3.00 per doz.; $18.00 per 100.

Alyssum (Mad Wort)

Rostratum. Bright golden yellow flowers in June and July. 1 foot.

Saxatile Compactum (*Basket of Gold, Gold Tuft, Rockmadwort*). An indispensable plant for the rockery or border, growing 1 foot high and producing in May masses of broad, flat heads of bright yellow flowers.

Serpyllifolium. Very dwarf, 4 inches with racemes of pale yellow flowers in June and rough hoary leaves valuable for the Rock Garden.

25 cts. each; $2.50 per doz.; $15.00 per 100.

Amsonia

Salicifolius. A stout, shrub-like plant, growing about 2 feet high, with terminal spikes of light steel-blue flowers in July, desirable to intersperse in clumps in the front row of the shrubbery border. 35 cts. each; $3.50 per doz.

ANTHERICUM LILIASTRUM MAJOR

Anchusa Italica (Alkanet or Bugloss)

Dropmore Variety. This improved Alkanet justly takes a front rank among early summer flowering perennials. The rich gentian-blue tones of its flowers fill a vacancy in this color, of which there is never a superabundance, particularly during their flowering period which covers May and June. It forms much branched specimens 3 to 5 feet high, each branch terminated by a large pyramidal, graceful spike, and while the plants are strong and vigorous they are not at all coarse. Of easy culture in any good garden soil and a sunny position. Very effective either in solid beds or in the hardy border. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Anchusa Myosotidiflora

An entirely different and distinct dwarf species from the Caucasian Mountains growing but 10 to 12 inches high, producing during April and May sprays of beautiful Forget-me-not-like flowers of a rich hue. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Anthemis (Marguerite)

Tinctoria. This hardy Marguerite is one of the most satisfactory summer-flowering perennials succeeding in the poorest soil; of bushy habit, growing about 15 inches high, and producing its large, golden-yellow, daisy-like flowers continuously during the entire summer.

— **Alba.** Creamy-white flowers with yellow centre.
25 cts. each; $2.50 per doz.; $15.00 per 100.

Anthericum (St. Bruno's Lily)

Liliastrum Major. A charming border plant with rush-like foliage and 18 to 24 inch high racemes of small white lily-like flowers during July and August. 35 cts. each; $3.50 per doz.

Arabis (Rock Cress)

Alpina. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet of pure white flowers. It is nice for cutting, and lasts for a long time in bloom. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Anemones
(Windflowers)

Hupehensis. A perfect little gem closely allied to Anemone Japonica which in a miniature form it resembles. The plant grows from 18 to 24 inches high and from early in August until late in autumn produces an abundance of flowers about 1½ inches in diameter, of a pleasing mauve-rose. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Pulsatilla (*Pasque Flower*). Grows from 9 to 12 inches high and produces violet or purple flowers during April to May. An interesting plant for the rockery or well-drained border. 30 cts each; $3.00 per doz.

— **Rubra.** A dark red form of above. 30 cts. each; $3.00 per doz.

Sylvestris (*Snowdrop Windflower*). Large nodding sweet scented flowers, lavender-tinted white, solitary or two together, pretty drooping buds and finely cut foliage; prefers a semi-shaded position. April to May. 30 cts. each; $3.00 per doz.

ANEMONE HUPEHENSIS

Anemone Japonica
(Japanese Windflower)

See colored illustration and list of choice varieties with descriptions of these beautiful late summer and fall flowering gems on page 193.

ANCHUSA ITALICA, DROPMORE VARIETY

Aquilegias, or Columbines

The Columbines are among the most elegant and beautiful hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage, and should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained sunny position, and usually make themselves at home in any hardy border or rockery. Their period of flowering covers the late spring and early summer months. Taken as a whole, they are a most important part of the hardy garden, and should be grown in quantity by every lover of old-fashioned garden flowers.

Canadensis. The native rich red and yellow variety, one of the brightest.

Dreer's Long-spurred Mixed Hybrids. This is the most admired type of Columbines. The plants are of strong, thrifty growth. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike.

Dreer's Long-spurred Pink Shades. A special selection of the greatly admired pink shades of this most popular type.

Chrysantha (*Golden Columbine*). Bright yellow long-spurred flowers.

Chrysantha Alba. A fine long-spurred white.

Helenae. A very effective rich blue variety.

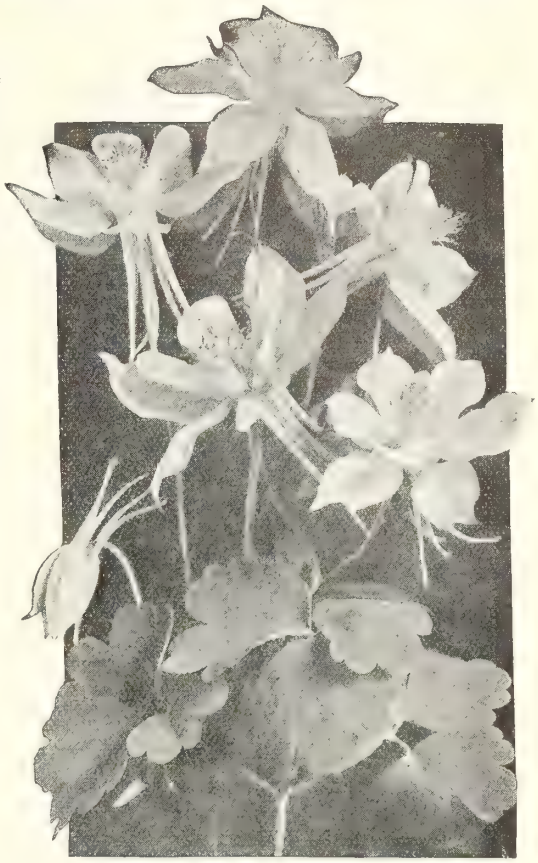
Skinneri. Petals yellow with long red spurs.

Vulgaris. The violet blue European Columbine.

Price. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Arenaria (Sand-wort)

Montana. A pretty creeping plant which during June is covered with attractive white flowers. A good edging plant and invaluable for the rock garden. 25 cts. each; $2.50 per doz.; $18.00 per 100.



Dreer's Long-spurred Aquilegia or Columbine

Artemisia Lactiflora

Armeria (Sea Pink or Thrift)

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff wiry stems, from 9 to 12 inches high. They flower more or less continuously from early spring until late in fall. Very useful in the rockery as well as in the border.

Cephalotes Rubra. Large heads of crimson red flowers on stout stems.

Laucheana. Bright rose.

Maritima Alba. A pretty pure white.

Price. 30 cts. each; $3.00 per doz.; $18.00 per 100.

Artemisia

A most useful class of plants, either for the border or for filling in within the shrubbery.

Lactiflora (*Hawthorne Scented Mugwort*). A most desirable and effective plant either for the border or to plant among shrubbery; it is of strong free-growth with erect stems 3½ to 4½ feet high, terminated with great panicles of Astilbe-like, Hawthorne-scented creamy white flowers produced from the latter part of August to the end of September, particularly valuable, being unlike any other plant in bloom at that time.

Silver King (*Ghost Plant*). A very showy white-leaved contrast plant growing 3 feet high and maturing its beautiful mist-like foliage early in summer. Long sprays may be cut to mix with winter bouquets.

Stelleriana (*Old Woman*). Deeply-cut silvery white foliage; much used in carpet bedding, 18 inches.

25 cts. each; $2.50 per doz.; $15.00 per 100.

Asclepias (Butterfly Weed)

Tuberosa. Very showy native plants, about 2½ feet high, producing flowers of brilliant orange-scarlet during July and August. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Asperula (Sweet Woodruff)

Odorata. A sweetly scented herb growing from 6 to 8 inches high with terminal clusters of white flowers in May. A useful plant for a shady spot in the garden or rockery or for carpeting the ground in a shady position. The dried leaves have a delightful fragrance like new-mown hay. 30 cts. each; $3.00 per doz.

Asphodelus (Asphodel, King's Spear)

Luteus. An effective plant for the border with sword-like foliage and 3 feet high spikes of fragrant yellow lily-like flowers in July. 30 cts. each; $3.00 per doz.

Garden Chrysanthemums offered on page 175 will supply an abundance of flowers after everything else has been cut by frost

HARDY ASTER, QUEEN MARY

Six Select Fall-flowering Hardy Asters

Hardy Asters have during recent years deservedly received great attention and many new varieties have been offered from which we have selected the following 6 sorts as of exceptional merit.

Barr's Pink. This is of the Novae angliae type, a strong, vigorous grower forming shapely plants from four to five feet high and the finest bright pink flowers of any Aster yet introduced.

Heather Glow. Very free and vigorous grower, with large-sized flowers of a delightful shade of brilliant rose with conspicuous golden centre; 4 feet.

Maggie Perry. Very large flowers loosely arranged in large trusses, of a pleasing tone of soft mauve. One of the most distinct and striking of the Aster family; 2 feet.

October Dawn. Grows about 2 feet high in stout branching pyramid form and is covered with large attractive lilac-mauve flowers.

Queen Mary. This is unquestionably the best of the Novi belgii type yet introduced, with graceful flowers 2½ inches in diameter arranged loosely in branching panicles of a particularly pleasing blue tinted lavender. 3½ feet high.

Thora Perry. Stout branching stems 3 ft. high, covered with large semi-double, silvery white flowers; one of the earliest of the fall flowering varieties.

Price. 50 cts. each; $5.00 per doz.; the set of 6 for $2.50.

Summer-flowering Hardy Asters

Acris. A neat variety growing about 18 inches high and completely covered with violet blue flowers in August.

Amellus Elegans. Grows from 12 to 15 inches high and produces large showy flowers of a rich bluish-violet during July and August. Its free-flowering habit and compact growth make it a most desirable subject for the front of the border.

Price. 35 cts. each; $3.50 per doz.

GENERAL COLLECTION

Fall-flowering Hardy Asters

(Michaelmas Daisies, or Starworts)

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past, and for the best effect should be planted in masses of one color. They grow freely in any soil. The collection offered below is made up of the choicest varieties only.

Anita Ballard. Light lobelia blue, shading lighter at the centre, early and free; 3 feet.

Brussells. Very large light lavender blue; 4 feet.

Capitaine. Light lavender blue; 4 to 4½ feet.

Chaterham Gem. Feathery sprays of good sized light lavender-blue flowers; 3 feet.

Enfant de Vitry. Distinct semi-double lilac-mauve, very free; 2½ feet.

Ghent. Large soft lilac-mauve; 3 feet.

King of the Belgians. Light lobelia blue; 3 feet.

Liege. Large, soft rosy pink; 2½ feet.

Maid of Athens. Soft lavender-blue; 3 feet.

Mother of Pearl. Large flowers, mauve-pink at edges, shading to tinted white at centre giving a pearly-mauve effect. 2 to 3 ft.

Novae angliae. Bright violet-purple; 4 feet.

— — **Mrs. F. W. Raynor.** Large purplish-crimson; 4 feet.

— — **Roseus.** Bright purplish-mauve; 4 feet.

Novi belgii Climax. One of the best and showiest, with large pyramidal spikes of large lavender-blue flowers; very free; 5 feet.

Novi belgii White Climax. A counterpart of above with white flowers.

Novi belgii St. Egwin. A pleasing soft rosy-pink, 3 to 4 feet.

Sam Banham. Large feathery pure white, one of the earliest; 3 feet.

Tataricus. Distinct large bluish-violet; very late; 6 feet.

The President. Large light bluish-violet; 4 feet.

Trouvaille. Semi-double bright mauve-pink; 3 feet.

Price. Any of the above, 25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 20 varieties for $4.00.

Japanese Hardy Aster

Mauve Cushion. An entirely distinct species. It forms a circular cushion-like plant 2½ feet across, rarely exceeding 9 inches in height, the flowers, of delicate, soft mauve, with silvery white reflection, measure over 1¼ inches in diameter, and are produced in such lavish profusion as to completely cover the plant; the blooms begin to expand early in October, but are not at their best until November. 35 cts. each; $3.50 per doz.

Japanese Double White Hardy Aster

This came to us unnamed from a Japanese nurseryman, and is entirely distinct from all other hardy Asters; the plants are of symmetrical habit, and grow about 2 feet high, and bear from July to September double white flowers not unlike the double white Feverfew. 35 cts. each; $3.50 per doz.

Dwarf Alpine Asters

Alpinus. Indispensable for the rockery or edge of hardy borders, grows 6 to 10 inches high, showy bluish-purple flowers in May and June.

— **Albus.** Identical to the above, but with pure white flowers.

Subcaeruleus. Forms a dense tuft of leaves, from which issue many leafless stems 12 inches high, bearing in June and July massive bluish-violet flowers 3 inches in diameter.

Price. 25 cts. each; $2.50 per doz.; $18.00 per 100.

ASTER ALPINUS

Plant liberally of Gypsophila Bristol Fairy for cutting, see page 180

ASTILBE

Astilbe

This collection includes the best of the latest novelties, all are varieties of strong vigorous growth producing many branched feathered heads of flowers during June and July. They succeed best in a half-shady moist position in any ordinary garden soil.

Betsy Cuperius. Stems 5 feet high with drooping branches 18 to 24 inches long, of white flowers with pink centres; very showy.

Ceres. An attractive rosy-lilac; 2½ to 3 feet.

Grandis Rosea Maxima. Grows 5 to 6 feet high, with 2 feet long drooping branches of white flowers with rosy centres.

Gruno. Light, graceful spikes of spreading habit, salmon-pink color; 4 feet.

Marguerite Van Rechteren. Finely fringed flowers, bright red tinged with dark lilac; 4 to 5 feet.

Mowe. A striking novelty with long nicely formed spikes, crimson, shaded salmon. 2½ to 3 feet.

Price. 50 cts. each; $5.00 per doz.; set of 6 sorts, $2.50.

Aubrietia (Rainbow Rock Cress)

Pretty dwarf-growing plants suitable for the rockery or for the edge of the border, they form masses of silvery-green foliage and sheets of various colored flowers in spring and early summer. Choice mixed varieties, 25 cts. each; $2.50 per doz.; $18.00 per 100.

Baptisia (False Indigo)

Australis. A strong growing plant, about 2 feet high; suitable either for the border or wild garden, with dark green, deeply-cut foliage and spikes of dark-blue flowers in June. 25 cts. each; $2.50 per doz.

Bellis Perennis (English Daisy)

Improved double-flowering, white and pink. 20 cts. each; $2.00 per doz.; $15.00 per 100.

Cassia (American Senna)

Marilandica. A plant growing from three to four feet high, bushy, with large panicles of bright yellow, curiously shaped flowers in abundant axillary clusters from July to August. The beautiful pinnate light-green foliage is very pleasing. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Bocconia (Plume Poppy, or Tree Celandine)

Cordata. A noble, hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubbery borders, centre of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color during July and August. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Boltonia (False Chamomile)

Among the showiest of our native hardy perennial plants with large, single Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect.

Asteroides. Pure white; very effective; 5 to 7 feet.

Latisquama. Pink, slightly tinged with lavender; 4 to 6 feet.

— **Nana.** Identical to the type but grows only 2 feet high.

25 cts. each; $2.50 per doz.; $15.00 per 100.

Calamintha

Alpina. A good rock plant or for the edge of the border, succeeds well in dry ground in a sunny position, small blue flowers in June. 6 inches. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Calimeris (Star Wort)

Incisa. An attractive, free-flowering plant; grows 12 to 18 inches high, producing from July to September daisy-like, pale, lavender flowers, with yellow centre. 25 cts. each; $2.50 per doz.

Callirhoe (Poppy Mallow)

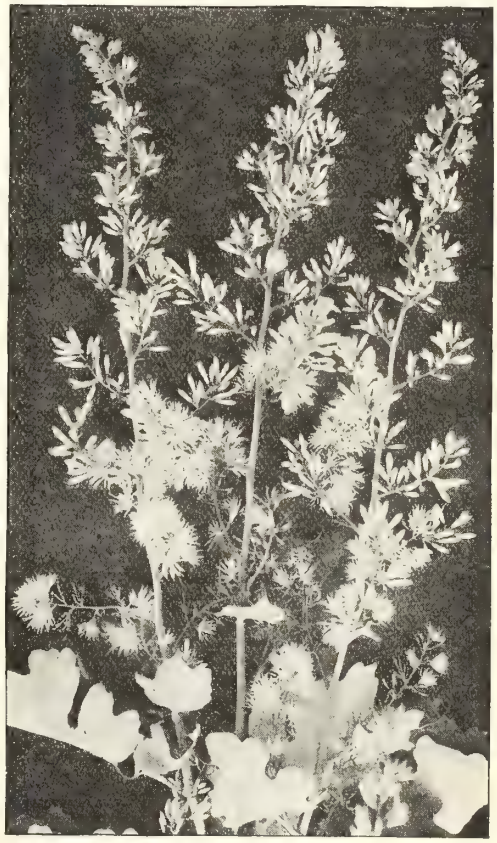
Involucrata. An elegant trailing plant, with finely divided foliage and large saucer-shaped flowers of bright, rosy-crimson, with white centres, which are produced all summer and fall. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Caltha (Marsh Marigold)

Palustris. Effective hardy perennials, of much value in marshy places and by the side of streams and ponds; grow about a foot high, with bright yellow single flowers in early spring. 30 cts. each; $3.00 per doz.

Hardy Border Carnations

Choice mixed seedlings produced from seed supplied by a specialist in this popular flower. We supply strong plants that will furnish an abundance of flowers early in the season. 25 cts. each; $2.50 per doz.; $15.00 per 100.



BOCCONIA CORDATA

Blue Salvia Pitcheri is a gem for the garden from August to October, see page 193

CAMPANULA GIGANTEA MOERHEIMI

Campanulas, or Bellflowers

Indispensable, hardy garden flowers, of much variety of form, some being of tall and imposing habit, while others are dwarf compact little plants, suitable for edging, rockwork, etc. They like a good, rich soil, and last much longer in bloom if planted in a half shady place.

Carpatica (*Carpathian Harebell*). A pretty species growing in compact tufts, not exceeding 8 inches high; flowers clear blue; held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed.

— **Alba.** A pure white form of the above.

Glomerata (*Clustered Bellflower*). Dense clusters of funnel-shaped violet-blue flowers; June to August; 18 inches.

Lactiflora. An attractive flower of milk-white tinged with blue; July; 3 feet.

Latifolia Macrantha. Large purplish-blue flowers. May and June; 3 feet.

Medium (*Canterbury Bells*). We offer this popular variety in white, pink, blue and mixed colors; 2 to 4 feet; June.

Medium Calycanthema (*Cup and Saucer Canterbury Bells*). We also offer this type in white, pink and mixed colors; June; 2 to 4 feet.

Muralis. The most popular wall and rock plant of the entire Campanula family, very dwarf and covered with a mass of blue purple flowers in early June.

Persicifolia (*Peach Bells*). Blue flowers during June and July; 2 feet.

— **Alba.** A pure white form of the above.

Pyramidalis (*Chimney Bellflower*). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high, crowded with large salver-like porcelain-blue flowers in August.

Rotundifolia (*Blue Bell of Scotland*). The true Hare-bell. Clear blue flowers from June to August; 1 foot.

Trachelium (*Coventry Bells*). A good border plant 2 to 3 feet high with large racemes of light purple bell shaped somewhat drooping flowers; July and August.

Price. 25 cts. each; $2.50 per doz.; $18.00 per 100. Set of 13 varieties for $2.50.

Two Rare Campanula Persicifolia

Telham Beauty. A recent introduction and the showiest and most beautiful of the Peach Bells. The stout stems are from 2½ to 3 feet high and lined with exceptionally large single flowers of a delightful shade of soft lavender blue. A most attractive and showy plant in the garden and splendid for cutting; May to July.

Gigantea Moerheimi. A beautiful double white variety, flowers fully 2 inches in diameter, in bloom from the middle of May until July; 2½ to 3 ft.

50 cts. each; $5.00 per doz.

Caryopteris

Mastacanthus (*Blue Spiraea*). A handsome Hardy Perennial; grows about 3 feet high and produces rich lavender-blue flowers in great profusion the whole length of the branches from early in September until cut by frost.

Tangutica. A Chinese variety of very neat habit and shrubby growth with slender arching branches covered from July to September with many small, partly concealed flowers of a very pleasing and distinct light blue. 30 cts. each; $3.00 per doz.; $20.00 per 100.

Centaurea (Hardheads or Knapweed)

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border but is excellent for cutting.

Dealbata. Distinct bright rose-colored flowers; July to September; 18 inches.

Macrocephala. Large thistle-like golden-yellow flowers; useful for cutting and showy in the border; July and August; 3½ feet.

Montana (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet-blue flowers from July to September.

Montana Alba. Pure white.

25 cts. each; $2.50 per doz.; Set of 4 sorts, 85 cts.

Cephalaria (Roundheads)

Alpina. When fully established attains a height of 6 feet, bearing in June and July delicate sulphur-yellow flowers, not unlike the flowers of Scabiosa. 35 cts. each; $3.50 per doz.

CARYOPTERIS MASTACANTHUS

The three new Climbing Roses offered on page 152 are wonderful additions to this type

DREER'S CHOICE GARDEN CHRYSANTHEMUMS

These are universally popular for outdoor bedding, and considering their many good qualities, there is no cause for surprise to see them cultivated so extensively. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it frequently happens that an armful of flowers can be cut late in November. They are reasonably hardy if planted in a well-drained position, with a covering of leaves or loose litter during the winter, or may be carried over with perfect safety in a cold frame.

The various collections offered below have been selected from hundreds of varieties that we have tested, and represent the very best in their respective class and color.

Aster-flowered Sorts

Anna L. Moran. Bright scarlet bronze.

Barbara Cumming. New extra early yellow.

Bronze Goacher's. Large early bronze.

Capt. R. H. Cook. Clear deep rose.

Delmar. Early, free, compact rose.

Helios. Chestnut brown.

Isotta. Excellent chestnut bronze.

Lilian Doty. Large, strong growing, incurved soft pink.

Mrs. F. H. Bergen. Light pink.

Murillo. Very superior old-rose.

Philadelphia. Fine clear rose.

Red Doty. Red-flowered form of Lilian Doty.

Savina. Light blush pink.

Sidney Mitchell. Attractive orange-yellow.

Tasiva. Good early white.

White Doty. Pure white globular flowers.

William Sobey. Very free yellow.

Yellow Doty. Pure yellow globular flowers.

Price. 25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 18 varieties for $3.50.

HARDY GARDEN CHRYSANTHEMUMS

Early-flowering Sorts

A selection of early-flowering varieties embracing a full range of colors, which in the latitude of Philadelphia can be depended upon to perfect their flowers before October 15th.

Belle Mauve. Blush pink.

Chrysolora. A fine large early yellow.

Fee Parisianne. Large, deep old rose.

Firelight. Bright red.

Idolf. A pretty shade of salmon-pink.

La Garonne. Unique and attractive rose and buff.

Marie Dupont. Very free-flowering, large pure white.

Mrs. H. Harrison. Medium-sized blush pink, very free.

Petite Louise. Large rose-pink.

Provence. Pale pink.

Tints of Gold. An attractive golden bronze.

Uvalda. Large pure white.

Price. 25 cts. each; $2.50 per doz.; $15.00 per 100. The set of 12 varieties for $2.50.

Single-flowering Chrysanthemums

There is a graceful charm about Single Chrysanthemums that appeals to everyone, the 12 varieties here offered have been selected from a large collection and embrace a select and varied assortment of forms as well as colors.

Alice Howell. Orange bronze.

Araby. Excellent pure white of heavy texture.

Golden Sun. One of the most brilliant yellows.

Joyce Strowlger. A bronzy salmon-pink of splendid substance.

Kathleen May. Brilliant crimson.

Kitty Riches. Compact growing pink.

Mrs. Albert Phillips. A fine, large, free pink.

Mrs. Calvin Coolidge. Splendid rich mahogany red.

Mrs. Roberts. Purplish-red.

Mrs. W. H. Waite. Blush pink.

Reupel Beauty. Color of American Beauty Rose.

Vivian Cook. Rich yellow.

Price. 25 cts. each; $2.50 per doz.; $15.00 per 100. The set of 12 varieties for $2.50.

Button-shaped or Pompon Sorts

Varieties that produce a great profusion of small flowers seldom over an inch in diameter and of very regular, almost globular form.

Baby. Small clear yellow.

Bright Eyes. Blush white, before full development, the centre is orange which suggested the name.

Cometo. Large early pink.

Ethel. Small free-flowering orange.

Golden Crest. Large rich golden yellow.

Irene. Good large dwarf white.

Little Dot. Rich mahogany crimson.

Mitzi. Early, yellow with red centre.

Model of Perfection. A vigorous growing free-flowering white.

Nio. Shell-pink shading to white.

Ouray. Large bronze.

Rhoda. Fine rosy pink.

Rodell. Dwarf, good yellow.

Rose Travena. A good, deep rose.

Ruth. Large deep claret.

Skibo. Small pretty yellow.

Viola. Violet purple.

White Midget. Pure white.

Price. 25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 18 for $3.50.

Old-fashioned Large-flowered Sorts

A selection of five of the hardiest large-flowering Chrysanthemums, all of them varieties adapted for permanent planting in shrubbery and herbaceous borders.

Angelo. A beautiful light pink.

Comoleta. Yellow.

Lucifer. Rich ox-blood red.

Oconto. Pure white.

Zelia. A fine orange bronze.

Price. 25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 5 sorts for $1.05.

All of the improved varieties of Hardy Asters are attractive during the fall months, see page 172

SHASTA DAISY CLIFFORD E. WHITE

Hardy Chrysanthemums
(Shasta Daisy, etc.)

Arcticum (*The Arctic Daisy*). Among fall-flowering perennials this is a perfect gem. It forms an attractive rosette-like clump 8 to 10 inches high, of pretty dark green foliage, and in September multitudes of flower stems appear, terminated by pure white flowers from 2 to 2½ inches in diameter. These begin to develop during the last week in September, and continue in good condition throughout October, and frequently into November.

Shasta Daisy "Alaska." A decided improvement on the original; with blooms 4½ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all summer and fall. 2 feet.

Shasta Daisy Clifford E. White. The illustration opposite conveys a good idea of the pretty graceful formation of this charming new variety, the petals are quilled and deeply cleft or laciniated at the tips and of a glistening white. In habit of growth and freedom of flowering it is similar to the variety Alaska. 75 cts. each; $7.50 per doz.

Glory of Wayside. The earliest to flower, coming into bloom in May with pure glistening white flowers, which are produced in great profusion on symmetrical compact plants from 12 to 15 inches high.

Price. Except where noted, 25 cts. each; $2.50 per doz.; $15.00 per 100.

Chelone (Turtle Head)

Stately and handsome perennials, growing about 2 feet high, and bearing numerous spikes of large flower heads during the summer and fall.

Glabra alba. Terminal spikes of creamy white flowers.

Lyoni. Heads of showy purplish-red flowers.

30 cts. each; $2.50 per doz.; $18.00 per 100.

Cerastium (Snow in Summer)

Tomentosum. A desirable low-growing plant with silvery foliage and white flowers in June, suitable for the rockery, or for carpeting dry, sunny spots, or for covering graves. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Cimicifuga (Snake Root)

Simplex. Most valuable by reason of its extreme late flowering, beginning in September and attaining full perfection about the middle of October. Its flowering stems are from 2½ to 3 feet high, terminated with a dense spike of white flowers, which, when cut, last in perfection a long time. $1.00 each; $10.00 per doz.

Racemosa. A handsome native species bearing in July and August, spikes of pure white flowers; well suited for planting at the back of the border, or for naturalizing at the edge of the woods; 4 to 6 feet. 35 cts. each; $3.50 per doz.; $20.00 per 100.

CIMICIFUGA SIMPLEX

Shrubby Clematis

Davidiana. A most desirable variety, with fresh, bright green foliage and tubular bell-shaped flowers of deep lavender blue during August and September, deliciously fragrant; 2 to 3 feet. 50 cts. each; $5.00 per doz.

Integrifolia caerulea. A good border plant, growing from 18 to 24 inches high, producing its small but interesting porcelain-blue flowers from June to August. 35 cts. each; $3.50 per doz.

Recta. Grows from 2 to 3 feet high, and produces fragrant pure white flowers in very large, showy clusters during June and July. 50 cts. each; $5.00 per doz.

Convallaria (Lily of the Valley)

Majalis. This is often starved and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated, and if the bed is given a liberal top-dressing of well-decayed manure in fall or early spring, it will show the effect by increased size, number and vigor of the flowers. We offer strong clumps, especially suited for outdoor planting. 60 cts. each; $6.00 per doz.; $45.00 per 100.

CONVALLARIA (Lily of the Valley)

NOTE—Plants will be sent by Parcel Post if remittance is made to cover postage and special packing as noted on the order blank and inside of front cover of this catalogue.

Coreopsis

Lanceolata grandiflora. One of the most popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting; blooms during the entire summer and autumn; 2 feet.

Rosea. Finely divided, dark green foliage, bearing in August and September, numerous small pink flowers; useful in border or rockery; 1 foot. 25 cts. each; $2.50 per doz.; $15.00 per 100.

New Quilled Coreopsis Lanceolata Etoile d'Or

A distinct and novel variety in which the petals instead of being flat are quilled or tubular, giving them a stellate or star-like appearance; in color it is like the type, a rich golden-yellow; 2 feet. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Dianthus (Pinks)

Caesius (*Cheddar Pink*). Forms compact cushions of blue gray foliage and sweetly scented, rose-pink flowers in May and June; fine for the rock garden.

Deltoides (*Maiden Pink*). A charming creeping variety, with medium-sized pink flowers in June and July; especially suited for the rock garden.

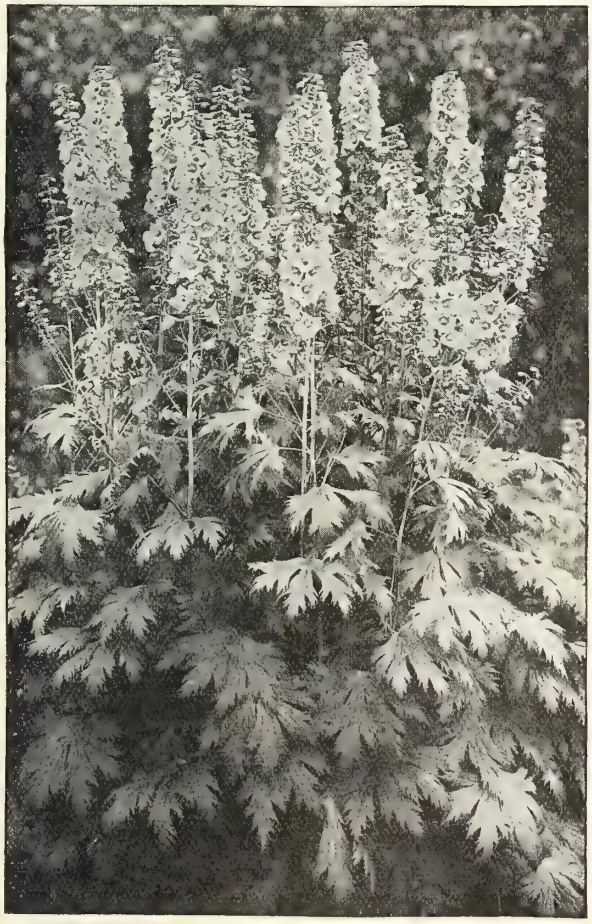
— **Alba.** A pretty white-flowered form.

Latifolius atrococcineus Fl. Pl. (*Ever-blooming Hybrid Sweet William*). A beautiful summer bedding variety, producing masses of brilliant fiery crimson double flowers throughout the entire season; 8 to 10 inches high.

25 cts. each; $2.50 per doz.; $15.00 per 100.

See also Hardy Pinks, page 191 and Sweet William, page 195.

Coreopsis Lanceolata Grandiflora



Dreer's De Luxe Delphinium

DREER'S DE LUXE HYBRID DELPHINIUMS

A wonderful strain. Plants of strong vigorous habit with immense spikes of flowers of the largest size in every tone from the palest lavender to the richest Oxford-blue, as well as a number of unusual pastel shades. The demand for the very best in hybrid Delphiniums is fully met in this marvelous strain.

A large stock enables us to offer good strong plants that will give a bountiful crop of flowers this season. Supplied in mixed colors only. 30 cts. each; $3.00 per doz.; $20.00 per 100.

Dreer's Specially Selected Hybrid Delphiniums in Separate Colors

From many thousands of plants grown from seed of the best named varieties we have selected and classified a marvelous collection of many types into three distinct colors, and can supply strong plants that will give an immediate effect in Light Blue, Dark Blue and Mauve Shades, many of them doubles, others single and all of superb form and produced in magnificent large spikes. **Price.** $1.00 each; $10.00 per dozen.

Delphiniums (Hardy Larkspur)

These are deservedly one of the most popular subjects in the hardy border; of easiest culture; perfectly hardy. They will establish themselves in almost any garden soil, but respond quickly to liberal treatment.

Belladonna Improved. The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise blue of its flowers is not equaled for delicacy and beauty by any other flower.

Bellamosum. This is a dark blue form of the popular light blue Belladonna, with which it is identical in habit of growth, freedom of bloom and other good qualities, but with intensely rich, deep blue flowers.

Chinense. A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

— **Album.** A pure white form of the above.

Price. Except where noted, 25 cts. each; $2.50 per doz.; $15.00 per 100.

Dictamnus (Gas Plant)

Fraxinella Caucasicus. A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of rosy-pink flowers with deeper veins during June and July. Requires a heavy, strong soil, and an open, sunny position. It is not advisable to transplant often, as they improve with age, it being one of the most permanent features of the hardy herbaceous border.

— **Alba.** The white flowered variety of above, 50 cts. each; $5.00 per doz.

Dielytra, or Dicentra

Spectabilis (*Bleeding Heart, or Seal Flower*). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers in May or June are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade; 1 to 2 feet. Strong clumps, 50 cts. each; $5.00 per doz.; $40.00 per 100.

Formosa (*Plumy Bleeding Heart*). A dwarfer-growing species, with finely-cut ornamental foliage, growing about 15 inches high and producing its showy pink flowers from April till October. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Digitalis (Foxglove)

The Foxgloves, old-fashioned, dignified and stately, are wholesome company in any garden. The strong flower stalks rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border, and during their period of flowering in June, dominate the whole garden.

Giant Shirley. A magnificent strain of the Gloxinia-flowered type of vigorous habit attaining a height of from 5 to 7 feet with spikes of bloom 4 feet in length, closely set with flowers of unusual size ranging in color from purest white to deepest rose, handsomely spotted with crimson-maroon. We offer them in mixture only.

Ambigua or Grandiflora. Showy flowers of pale yellow, veined brown; 2 to 3 feet.

Price. Any of the above, 25 cts. each; $2.50 per doz.; $18.00 per 100.

DIELYTRA (Bleeding Heart)

DIGITALIS (Foxglove)

DORONICUM

Dracocephalum (Dragon's Head)

Ruyschiana. A neat border as well as rock plant, bearing attractive blue flowers during July; 2 feet. 30 cts. each; $3.00 per doz.

Doronicum (Leopard's Bane)

Excelsum. Large bright yellow daisy-like flowers and one of the most effective very early spring flowering perennials. There are many who have seen this only as a single plant, here or there in a hardy border, and have no idea of the effect it has when planted in a mass. Also a splendid flower for cutting. They succeed everywhere; 2 feet. 35 cts. each; $3.50 per doz.

Echinops (Globe Thistle)

Ritro. Deep metallic-blue flowers; 3 feet.

Sphaerocephalus. An interesting thistle-like plant with large globular heads of bluish-white attractive flowers. 3 feet.

30 cts. each; $2.50 per doz.; $18.00 per 100.

Eryngium (Sea Holly)

Handsome ornamental plants, growing from 2 to 3 feet high. The flower heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

Amethystinum. The finely-cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue; 3 feet.

Maritimum. Has most attractive large glaucous-blue, deeply toothed foliage and pale blue globular flower heads.

Planum. Steel-blue flowers, large spiny foliage; 2 feet.

35 cts. each; $3.50 per doz.

The Giant Marshmallows are showy from July to September, see page 182

EUPATORIUM AGERATOIDES AND COELESTINUM

Eupatorium (Mist-flower)

Ageratoides (*Thorough wort*). A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads; splendid for cutting. August and September.

Coelestinum. A pretty hardy plant, with light blue flowers similar to the Ageratum; in flower from August until frost. 18 to 24 inches.

25 cts. each; $2.50 per doz.; $18.00 per 100.

Euphorbia

Corollata (*Flowering Spurge*). A most showy and useful native plant, growing about 18 inches high and bearing from June to August umbels of pure white flowers, with a small green eye.

Polychroma. An attractive border plant and very effective when covered with masses of yellow flower-like bracts in May; 2 feet.

25 cts. each; $2.50 per doz.; $18.00 per 100.

Feverfew (Matricaria)

Little Gem. A most useful border plant and valuable summer cut flower, with large double white flowers; June until October; 18 to 24 inches high. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Funkia (Hosta) (Plantain Lily)

The Plantain Lilies are among the easiest plants to manage; their broad massive foliage makes them attractive subjects for the border even when not in flower. They succeed equally well in sun or shade.

Lanceolata. Valuable by reason of its late flowering, lilac flowers in September; 2 feet.

Subcordata Grandiflora (*White Plantain Lily*). Very large, pure white, lily shaped, fragrant flowers in August and September; 2½ to 3 feet.

Undulata media picta. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 feet.

Price. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Epimedium (Barren-wort, Bishop's Hat)

Niveum. An attractive plant growing 8 to 10 inches high with leathery bronzy foliage and panicles of interesting white flowers in April and May. Suitable for a shady spot on the rockery or for the edge of the border. 50 cts. each; $5.00 per doz.

Erigeron (Fleabane)

Coulteri. Grows about 15 inches high and during July bears attractive single mauve-colored Aster-like flowers in profusion.

Speciosus. Large rosy-pink flowers; June to August; 2 feet.

25 cts. each; $2.50 per doz.; $15.00 per 100.

ERYNGIUM AMETHYSTINUM

Gaillardia (Blanket Flower)

Grandiflora. One of the showiest hardy plants, growing about 2 feet high and succeeding in any soil in a sunny position; beginning to flower in June, they continue the entire season. The large flowers are of gorgeous coloring. The centre is dark red-brown, while the petals are marked with rings of brilliant crimson, orange and vermilion, and often a combination of all in one flower; excellent for cutting. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Choice Hardy Ferns

Suitable positions for Hardy Ferns are to be found in almost every garden. With few exceptions they do best in a shady or semi-shady position in rich well-drained soil, where they can be liberally supplied with water during dry weather. Where the soil is stiff or clayey, incorporate a liberal quantity of leaf-mould, peat or other loose material to make it friable.

We give after each variety the average height of growth.

Aspidium Acrostichoides (*Wood Fern*). 12 in.
— **Filix-mas** (*Male Fern*). 18 to 24 in.
— **Marginale** (*Evergreen Wood Fern*). 12 to 24 in.
— **Goldieanum** (*Shield Fern*). 24 to 36 in.
— **Spinulosum** (*Spinulose Wood Fern*). 12 to 15 in.
Asplenium Filix-foemina (*Lady Fern*). 12 to 15 in.
Dicksonia Punctilobula (*Gossamer Fern*). 24 to 36 in
Onoclea Sensibilis (*Sensitive Fern*). 12 to 24 in.
— **Struthiopteris** (*Ostrich Fern*). 24 to 36 in.
Osmunda Claytonia (*Interrupted Fern*). 24 in. 50 cts. each.
— **Cinnamomea** (*Cinnamon Fern*). 24 in. 50 cts. each.
— **Regalis** (*Royal or Flowering Fern*). 24 to 36 in. 50 cts. each.
Price. Any of the above, except where noted, 30 cts. each. $2.50 per doz.; $18.00 per 100. Set of 12 sorts for $3.25.

FUNKIA SUBCORDATA GRANDIFLORA

Japanese Iris (see page 185) make a fine display following directly after the gorgeous Peonies

GYPSOPHILA BRISTOL FAIRY

Gypsophila (Baby's Breath)

The Gypsophilas will thrive in any soil in a sunny position, and on account of their gracefully arranged large panicles of minute flowers should be in every garden.

Bristol Fairy. An improvement on the well-known double-flowering form Paniculata fl. pl., with larger purer white flowers, and more or less perpetual flowering habit. 2 to 3 feet. Strong roots, 50 cts. each; $5.00 per doz.

Paniculata. This is the favorite old-fashioned single flowering variety, a plant possessing a grace not found in any other perennial. When in bloom during July and August it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. When cut it is exquisite in combination with other flowers.

Paniculata Flore Plena. The original double-flowering form; the flowers of which are not only larger but of a purer white than the single-flowering sort, these may be cut and dried, retaining their beauty for many months; a valuable subject for the hardy border. 50 cts. each; $5.00 per doz.

Repens. An elegant trailing plant for the rockery, with clouds of small white flowers in July and August.

Price. Except where noted, 25 cts. each; $2.50 per doz.; $15.00 per 100.

Gentiana

Andrewsi (*Blue Gentian*). This is our native species, flowers beautiful deep blue, August and September; grows about 2 ft. high and requires rich moist soil. 30 cts. each; $3.00 per doz.

Geranium (Crane's Bill)

Sanguineum. A desirable plant; with pretty cut foliage and bright crimson flowers; blooms the entire season; 18 inches. 30 cts. each; $2.00 per doz.

Hardy Ornamental Grasses

The ornamental Grasses can be used with telling effect, either as individual specimens in the border or on the lawn; large beds or borders planted entirely to the different varieties are attractive; they can also be used to advantage interspersed in the shrubbery border or planted in clumps on the margin of ponds or lakes.

Arrhenatherum bulbosum variegatum. Forms a dense tuft 6 to 8 inches high with prettily variegated green and white leaves; a splendid edging plant. 25 cts. each; $2.50 per doz.

Arundo Donax (Great Reed). A magnificent variety, growing to a height of 20 feet. 50 cts. each; $5.00 per doz.

— — **Variegata.** A beautiful variegated form, foliage white and green; 8 to 10 feet. 50 cts. each; $5.00 per doz.

Elymus Glaucus (*Blue Lyme Grass*). A handsome Grass, with narrow glaucous silvery foliage; well adapted for the border or the edge of beds containing taller sorts; 2 feet. 35 cts. each; $3.50 per doz.

Eulalia Gracillima Univittata (*Japan Rush*). Of graceful habit, with narrow foliage; of a bright green color, with a silvery midrib; 6 to 7 feet. 35 cts. each; $3.50 per doz.

Eulalia Japonica Variegata. Very ornamental; long, narrow leaves, striped green, white and often pink or yellow; 6 to 7 feet. 35 cts. each; $3.50 per doz.

Eulalia Japonica Zebrina (*Zebra Grass*). The long blades of this variety are marked with broad yellow bands *across* the leaf. It makes a very attractive specimen plant for the lawn; 6 to 7 feet. 35 cts. each; $3.50 per doz.

Festuca Glauca (*Blue Fescue*). A pretty dwarf tufted Grass with distinct blue-green foliage; 1 foot. 25 cts. each; $2.50 per doz.

Gynerium Argenteum (*Pampas Grass*). The most effective of all the ornamental Grasses. Its large silvery plumes are produced on stems 8 to 10 feet high during the late summer and fall. This plant is well known to summer visitors to California where it is one of the features in many gardens. It can be grown equally well here and established plants can remain in the open ground if well protected. We offer extra strong plants of flowering size in 7 inch tubs, $2.50 each.

Pennisetum Japonicum (*Hardy Fountain Grass*). This variety grows about 4 feet high; foliage narrow, of a bright green, while the cylindrical flower heads are tinged with bronzy purple; one of the most valuable hardy Grasses. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Phalaris Arundinacea Variegata (*Variegated Ribbon Grass or Gardener's Garters*). Large variegated foliage; an excellent Grass for bordering large beds; 12 to 15 inches. 25 cts. each; $2.50 per doz.; $15.00 per 100.

PENNISETUM JAPONICUM (Hardy Fountain Grass)

The new Montbretias offered on page 125 are a wonderful advance in this line

HELIANTHUS MULTIFLORUS FL. PL.

Geum (Avens)

Pretty border plants, growing about 15 to 18 inches high, and producing showy, bright-colored flowers from May to July.

Atrococcineum fl. pl. Brilliant scarlet double flowers.
Lady Stratheden. Large double rich golden yellow.
Mrs. Bradshaw. Large double brilliant scarlet.
Sibiricum. Large, double, rich orange yellow.

30 cts. each; $3.00 per doz.; $18.00 per 100.

Gillenia (Bowman's Root)

Trifoliata. A strong-growing perennial with handsome trifoliate foliage and numerous white flowers, tinged with pink; July; 3 feet. 25 cts. each; $2.50 per doz.

Helianthus (Hardy Sunflower)

The perennial Sunflowers are among the most effective hardy plants for large borders for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes, or as cut flowers during the summer and autumn.

Giganteus. One of our native varieties, with medium sized canary-yellow flowers in September and October; 6 feet.

Maximiliana. The latest of all, perfecting its fine golden-yellow flowers in long, graceful sprays during October, when all others have finished flowering; invaluable for cutting; 5 to 7 feet.

Mollis. Large, single lemon-yellow flowers with downy white foliage; blooms in August and September; 4 feet.

Multiflorus Fl. Pl. (*Double Hardy Sunflower*). Large, double Dahlia-like golden-yellow flowers in great profusion during July and August; 4 feet. (See cut.)

Rigidus Japonicus. One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centres; 5 feet.

Wolley Dod. The best of the September-flowering varieties, with deep yellow flowers; entirely distinct; 6 feet.

Price. Any of the above, 25 cts. each; $2.50 per doz.; $15.00 per 100. One each of the 6 sorts for $1.25.

Helenium (Helen's Flower)

All of these are desirable border plants, succeeding in any soil in a sunny location, with broad-spreading heads of flowers, useful for cutting, each species covering a long-blooming season.

Autumnale Rubrum. Robust growing; 3 to 4 feet high, with bright terra-cotta red flowers in August and September.

Autumnale Superbum. Golden-yellow flowers during the late summer and fall months; 5 to 6 feet.

Hoopesi. Pure orange-yellow flowers, 2½ inches across, and the earliest to flower, coming in early in June and continuing throughout the summer; 2 feet.

Riverton Beauty. Rich lemon-yellow, with large purplish black cone; August and September; 4 feet.

Riverton Gem. Old gold, changing to wall-flower red; August and September; 3½ feet.

Price. 30 cts. each; $3.00 per doz.; $20.00 per 100. One each of the 5 varieties, $1.25.

Helianthemum (Rock, or Sun Rose)

Exceedingly pretty low growing evergreen plants, forming broad clumps, and which during their flowering season, June to July, are quite hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry sunny bank.

Album Plenum. Double white.
Buttercup. Golden yellow; single.
Fireball. Fiery double red.
Mrs. Earle. Rich single red.
Rhodanthe Carneum. Pretty single pink, silvery foliage.
Sudbury Gem. Single crimson-bronze.

35 cts. each; $3.50 per doz.; $20.00 per 100.

HELENIUM

Do not fail to include Dreer's De Luxe Delphiniums in your garden this season. See page 177

HEMEROCALLIS (Day Lily)

Hepatica (Liver Leaf)

Triloba. A pretty native spring-flowering plant, with light blue flowers, useful as a rock plant or for a shady spot in the border. 25 cts. each; $2.50 per doz.

Heuchera (Alum Root, or Coral Bells)

Most desirable dwarf, compact, bushy plants of robust constitution and easy culture, growing 1½ to 2 feet high, and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.

Gracillima Rosea. Carmine rose.
Sanguinea. Free-flowering, coral-red.
Price. 35 cts. each; $2.50 per doz.; $20.00 per 100.

Giant-Flowering Hibiscus
(Marshmallows or Rosemallows)

A wonderfully improved form of our greatly admired native Marshmallow or Rosemallow, in which not only the colors have been greatly intensified, but also flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. These plants can be highly recommended for all kinds of plantings. They appear to be equally at home in all positions, having the same vigor in dry and wet ground, and are perfectly hardy. They grow from 5 to 8 feet high, and are very floriferous, blooming from early in July until late in September. We offer three distinct colors—Red, Pink and White—in strong two-year-old roots, 35 cts. each; $3.50 per doz.; $25.00 per 100. One each of the three colors for $1.00.

Heliopsis (Orange Sunflower)

Similar in general habit to Helianthus, but commencing to flower earlier in the season; July and August; of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting.

Pitcheriana. A desirable variety. The flowers are of a beautiful deep golden-yellow, about two inches in diameter, of very thick texture and a useful cut flower.

Scabra Excelsa. Rich chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double, having from 4 to 5 rows of petals, and are produced very profusely. The plant is of robust growth, about 3 feet high, and from mid-July to the end of August, makes an effective display.
25 cts. each; $2.50 per doz.; $15.00 per 100.

Hemerocallis (Yellow Day Lily)

Popular hardy plants belonging to the Lily family. They succeed everywhere and should always be included in every border of old-fashioned hardy plants.

Dumortieri. Very dwarf; 18 inches; flowering in June; rich cadmium-yellow; buds and reverse of petals bronze yellow.

Flava (*Yellow Day Lily*). The best known variety; very fragrant deep lemon-yellow flowers in June and July; height, 2½ to 3 feet.

Florham (*Golden Day Lily*). Bright golden-yellow with Indian-yellow shadings; June and July; 3 feet.

Fulva (*Tawny Day Lily*). Grows from 4 to 5 feet high, with trumpet-shaped flowers of a uniform orange color with darker shadings; June and July.

Kwanso Fl. Pl. Double orange flowers. July. 4 to 5 feet.

Middendorfi (*Dr. Regel's*). The earliest to bloom, May flowers bell-shaped, rich chrome yellow. 2 feet.

Thunbergi. The latest to flower; rich buttercup-yellow, funnel-shaped flowers throughout July; 4 feet.

Price. Any of the above, 25 cts. each; $2.50 per doz.; $18.00 per 100. Set of 7 varieties, $1.50.

Hypericum (St. John's Wort)

Most desirable border plants of free and graceful habit producing long slender much branched stems, leafy to the base and all drooping towards the ends, apparently from the weight of the flowers and buds, although the flowers face so none of their beauty is lost.

Moserianum. A marvelously free-flowering variety of large size measuring from 2 to 2½ inches in diameter, in color a rich golden yellow rendered still more effective by the numerous yellow stamens and crimson anthers; blooms continuously the entire season; 2 feet.

Patulum Henryi. A comparatively new hardy St. John's Wort of shrubby habit, growing from 2 to 3 feet high, producing masses of large clear yellow flowers during July and August, and retaining its neat foliage until late in the autumn.

Patulum Grandiflorum. A very vigorous growing introduction from China with large broad petalled flowers of a very bright yellow.

Price. 30 cts. each; $3.00 per doz.; $20.00 per 100.

GIANT-FLOWERING MARSHMALLOW

We can supply seeds of many Hardy Perennials, see Flower Seed Department, beginning on page 51

NEWPORT PINK HOLLYHOCK

Dreer's Superb Hollyhocks

Stately, majestic, hardy plants, from 6 to 8 feet high, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection throughout the winter will be beneficial. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents the disease, which is prevalent in some localities. We offer the best Double, Fringed and Single sorts under:

Double White	**Double Yellow**	**Double Maroon**
Double Rose	**Double Red**	**Double Mixed**

Newport Pink. A charming variety, for which we were awarded a Certificate of Merit by the Royal Horticultural Society of England. It is of strong, vigorous habit, producing colossal spikes of very double pure pink flowers, a shade that is eagerly sought for in all classes of plants.

Allegheny. Mammoth flowers, wonderfully formed of loosely arranged fringed petals. The colors vary from the palest shrimp-pink to deep red. Mixed colors only.

Single. Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We can supply the singles in mixed colors only.

Price. Any of the above, 30 cts. each; $2.50 per doz.; $20.00 per 100.

Iris Pallida Dalmatica

Pallida Dalmatica Princess Beatrice. This is the true type of Pallida Dalmatica and still one of the most attractive and satisfactory all around varieties, with flowers of large size; both standards and falls of a clear lavender blue shading to a pale silvery blue at the base and sweetly scented. It is of strong vigorous growth over three feet high with unusually heavy glaucous foliage. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Iris Interregna

An interesting type, the result of crossing *I. germanica* with *I. pumila hybrida*. They bloom earlier than the German Iris, and the flowers combine perfection of form with large size and clear and decided colors. The foliage is dwarf, and maintains its freshness throughout the season. The flower stems are almost 18 inches high, holding the flowers well above the foliage.

Fritjof. Standards lavender, falls satiny violet-blue.

Helge. Standards creamy yellow, falls darker, veined yellow.

Spectabilis. Rich, free-flowering, violet-purple.

25 cts. each; $2.50 per doz.; $15.00 per 100.

Iris Sibirica

Orientalis. Rich, violet-blue; very free and one of the best. June; 3½ feet. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Snow Queen. A variety of great merit; forms an attractive plant; flowers snow white. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Perry's Blue. A comparatively new variety with very large, clear blue flowers on stout stiff stems, a vigorous free grower and very free-flowering, one of the best for cutting. 75 cts. each; $7.50 per doz.

Iberis (Hardy Candytuft)

Sempervirens. Most desirable dwarf plants (8 to 10 inches), with evergreen foliage, which is completely hidden by dense heads of pure white flowers early in the spring.

Sempervirens, Little Gem. A perfect gem of very dwarf habit, not over 6 inches high with masses of white flowers, in May; a most valuable rock plant.

25 cts. each; $2.50 per doz.; $15.00 per 100.

Incarvillea (Hardy Gloxinia)

Delavayi. An interesting and showy plant for the hardy border, producing large gloxinia-like, rose-colored flowers on 15 to 18 inch high stems during June and July. Succeeds either in sun or shade, but should be well protected with leaves or litter during the winter. 50 cts. each.

For Select Collections of Iris Germanica and Japanese Iris See Pages 184 and 185

Iris Pumila Hybrida

A cross between *I. pumila* and *I. germanica*. Very showy. Early flowering. 10 to 12 inches high.

Caerulea. Very early light blue.

Cyanea. Rich violet purple.

Excelsa. Good pale lemon yellow.

Schneekuppe. Pure white.

25 cts. each; $2.50 per doz.; $15.00 per 100.

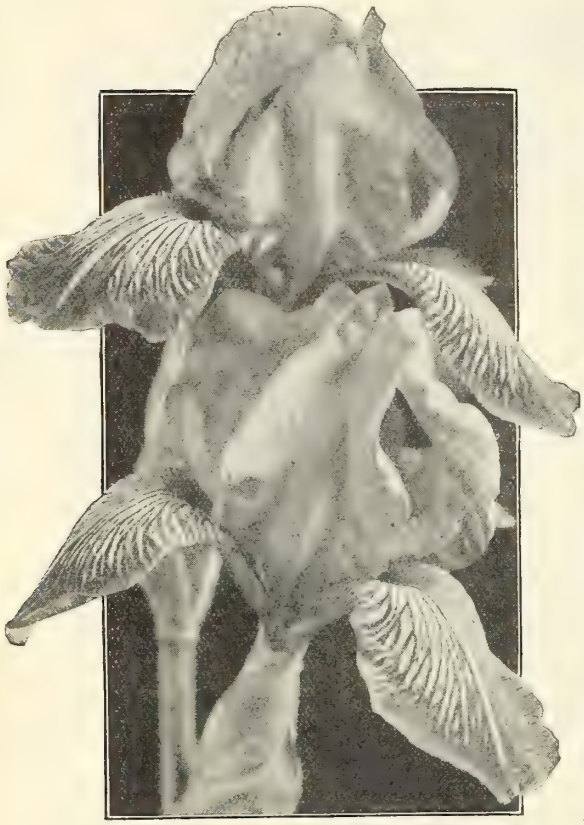
Iris Cristata (Crested Dwarf Iris)

A tiny native species growing from 4 to 6 inches high with delicate, richly marked pale lilac flowers, blooms late in May and June; fine for the rockery or edge of border. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Iris Pseudacorus

The common yellow Water Flag, suitable for marshes and water courses. May and June; 4 feet. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Two handsome double flowering Pyrethrums are offered on page 192



IRIS GERMANICA

IRIS GERMANICA
Twelve Select Exhibition Varieties

The following varieties are the most magnificent newer acquisitions obtained up to the present time. Their colorings and form are superb, they represent the giants of the family both in size of individual flowers and habit of growth.

Ambassadeur. One of the finest. The stout stems bear flowers of largest size, magnificent form and unique coloring. Standards deep lavender suffused with bronze, falls maroon with purplish cast.

Ballerine. A superb variety growing 4 feet high, surmounted with masses of glorious flowers of wonderful tone of porcelain blue with broad rounded wavy margins, falls slightly deeper; deliciously scented.

Cluny. A lovely very large flower, standards wistaria-blue, falls bluish violet with deeper shadings, very free.

Lent A. Williamson. Exceptionally large flowers on tall strong stems. Standards bright lobelia-blue, shot fawn at the edge, falls rich velvety purple suffused blue at the edge, bright golden-yellow beard.

Lord of June. One of the best, massive flowers of perfect form. Standards pale lavender-blue, falls deep aniline-blue.

Magnifica. All that its name implies, flowers of immense size on stiff branching stems 4 feet high. Falls of a superb dark reddish-purple, standards light violet-blue.

Moliere. Standards light blue, overlaid brown, falls purplish maroon merging lighter at the edges, enormous size, of exquisite form and good substance.

Opera. Very distinct fine shaped flowers, standards coppery brown, dashed with purple, falls wine red, the base bronzy maroon penciled with gold. 2 feet.

Prospero. A very large blended two-tone violet with well rounded falls of a deep reddish-purple with lighter shadings at the margin. Exceptionally free; a showy variety.

Queen Caterina. This superb variety is one of the handsomest of all Iris; a giant in size of flowers as well as in habit of growth; attaining a height of fully four feet. The color is an exquisite shade of pure lavender-blue; the color being uniform in both standards and falls.

Raffet. Standards intense violet-blue, falls dark violet, reticulated with white and violet in the upper portion. 2 feet.

Shekinah. A delightful shade of pale yellow, with amber shadings. A tall growing handsome conspicuous variety of very uncommon color.

Price. 75 cts. each; $7.50 per doz. Collection of one each, 12 varieties for $7.50.

IRIS GERMANICA—Twenty Choice Garden Varieties

We know of no class of hardy plants which will repay the owner with such a wealth of bloom, in so many varied colors or during a longer period than a well arranged planting selected from the list offered below; while not as aristocratic individually as the Exhibition varieties, they far surpass them in freedom of bloom and are well termed the Garden Varieties.

Alcazar. Standards soft bluish-violet overlaid bronze; falls dark nigrosin-violet with white markings at base of petals and bronzy-purple veins. It bears profusely flowers of mammoth size which are well poised on strong rigid stems; height 3 feet.

Archeveque. Standards a rich shade of reddish purple, falls dark velvety purple, very free.

Bridesmaid. Standards pale lavender; falls white, reticulated lavender.

Edouard Michel. One of the finest; flowers of large size, beautifully poised on 3 feet high stems. The standards are broad and frilled, of a distinct shade of reddish-violet, the falls slightly deeper in color.

Eldorado. Standards bronzy-violet, passing to a yellow with brown reticulation at base; falls light-violet purple, lip overlaid with bronze; base yellow with brown pencilings. Very free flowering; height 2½ feet.

Florentina Alba. Very free flowering, white.

Foster's Yellow. Standards and falls creamy yellow.

Honorabilis. Standards golden yellow, falls rich mahogany brown.

Isoline. Standards, vinaceous-lilac suffused with bronze; falls light purple overlaid with bronze; base of petals yellow with brown reticulations; golden yellow beard; height 2½ feet.

King of Iris. A striking variety, with flowers of perfect form, the standards clear lemon color, falls deep satiny-brown, with a broad border of golden-yellow. 2 feet.

La Tendresse. Standards and falls of an even ageratum-blue; of compact habit.

Lohengrin. Foliage and flowers of gigantic size, with petals 2 inches wide, of a deep violet mauve.

Loreley. Perfect-shaped flowers, falls of a deep ultra-marine-blue, more or less veined with creamy-white and bordered sulphur-yellow, making a beautiful contrast.

Mme. Chereau. Standards and falls pure white, daintily edged with light blue.

Nuee D'Orage. Standards greyish-lavender, falls lavender-violet with bronzy suffusion.

Parisiana. Standards Chinese-violet shot with white at centre; falls white reticulated and spotted with Chinese-violet at edges; very free; height 30 inches.

Princess Victoria Louise. Standards sulphur yellow. Falls rich plum, bordered cream.

Queen of May. Pleasing soft rosy lilac.

Rembrandt. Standards light lavender blue, falls of a deeper blue; early flowering.

Sherwin-Wright. Flowers most profusely, color a rich golden yellow without markings or shadings. The best and showiest yellow for mass planting.

Price. 20 cts. each; $2.00 per doz.; $15.00 per 100. Collection of one each of the above twenty Garden Varieties for $3.50.

Iris Germanica Mixed Varieties

15 cts. each; $1.50 per doz.; $10.00 per 100.

Viola Jersey Gem and White Jersey Gem are among the gems for the garden, see page 197

Japanese Iris (Iris Kaempferi)

The improved forms of this beautiful flower have placed them in the same rank popularly as the Hardy Phloxes and Peonies. Coming into flower about the middle of June, and continuing for 3 to 4 weeks they fill in a period when flowers of this attractive type are particularly welcome.

They succeed in almost any soil and position, but like rich soil and plenty of water when they are forming their buds and developing their flowers.

Valuable as cut flowers, for which purpose they should be cut in the bud state, permitting the blooms to expand after being placed in water.

Six Superb Japanese Iris

We have selected the following six varieties from a long list of introductions as the most distinctive. With their rich, lustrous colors and refined forms they rank high in this regal class of Oriental flowers.

Albatross. The finest double white variety in cultivation, large round petals, open flat flower creamy white.

Catherine Parry. Nine large petals, the centre petals being fluted, forming a full double flower. Violet with deeper blue shadings, a tall conspicuous variety.

Clarice Childs. Three very large individual petals of rich Petunia-violet, conspicuous yellow centre surrounded with a blue cast.

Dream. Three petals, white, very delicately veined with parma-violet, giving the flower almost a transparent appearance.

Lavender Giant. One of the most delicately handsome varieties in cultivation; flowers consist of three very large broad petals, lavender blue produced freely on strong stems.

T. S. Ware. Eight to ten petals of large size, bright crimson-purple with many white veins and distinct white centre, a very showy double variety.

Price. 50 cts. each; $5.00 per doz.; one each of the above 6 varieties, $2.50.

Standard Collection Japanese Iris

Order by name or number.

No.

3 Kosui-no-iro. Ground color violet blue, veined white and yellow-rayed star-shaped centre; 6 petals.

4 Yomo-no-umi. Finest white with six large petals, yellow ray in the centre of each petal, forming a six-pointed star.

5 Koki-no-iro. Six petals, rich royal purple and few light veins radiating from the golden-yellow centre; standards white, tipped with rich purple. Extra fine.

11 Hano-no-nishiki. Bright violet purple with white veinings, three well rounded petals.

15 Gekka-no-nami. The earliest to flower, coming into bloom fully a week earlier than any other sort, the three large petals are pure white.

19 Kyodaisan. Three large petals light lilac blue, the nearest approach to pink.

26 Uchiu. Six large petals, bright crimson-purple with white veins and pure yellow centre.

31 Rhino. Rich lively purple with pure yellow centre with a few light veins, six petals.

36 Kumo-no-obi. Large six petaled, fine lavender blue; one of the finest self colors.

55 Shuchiukwa. Crimson purple with large white veins and centre; 3 petals.

105 Nagano. Rich violet-purple, shaded with blue; 6 petals.

109 Hosokawa. Rich purple with white veinings; 6 petals.

Price. 35 cts. each; $3.50 per doz.; $25.00 per 100. One each of the above 12 varieties for $3.50.

Japanese Iris in Mixture

15 cts. each; $1.50 per doz.; $10.00 per 100.

Japanese Iris

Two Superb New Iris Germanica

A beautiful combination of royal purple and golden yellow.

The two varieties here described, one a golden yellow, the other a rich velvety purple, flowering at the same time and when planted together form a brilliant rich color combination that is most effective and pleasing.

Gold Imperial. The best and most vigorous growing free-flowering golden yellow Iris. Rich smooth chrome yellow of fine form and texture with a brilliant orange beard. It has been one of the most admired of the newer Iris on account of its perfect form and unusually deep color.

Souv. de Mme. Gaudichan. The largest, darkest and by far the finest of the dark purple Irises. The falls are brilliant velvety blackish purple, even the beard has a bluish cast which entrances the beauty of the flower. In addition to its other attractions it is also very fragrant

Price. $1.00 each; $9.00 per dozen, or we will supply the pair, one of each variety for $1.50.

Lavandula (Lavender)

Vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Liatris (Blazing Star, or Gay Feather)

Showy and attractive native plants, succeeding anywhere, producing large spikes of flowers in July and August.

Pycnostachya. Spikes of light rosy-purple flowers; 5 feet.

Scariosa. Deep purple flowers; 3 to 4 feet high.
25 cts. each; $2.50 per doz.; $15.00 per 100.

Lilium (Lily)

All herbaceous borders should have a few Lilies scattered through them. The sorts offered below can be planted with excellent results during the early spring months. It is in the hardy border that Lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare; other varieties should be planted in the autumn, and are offered in our autumn catalogue.

Auratum (*Golden-banded Japan Lily*). Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots, and striped through the centre a golden-yellow; 3 to 5 feet. July, September. Extra large-flowering bulbs, 50 cts. each; $5.00 per doz.; $35.00 per 100.

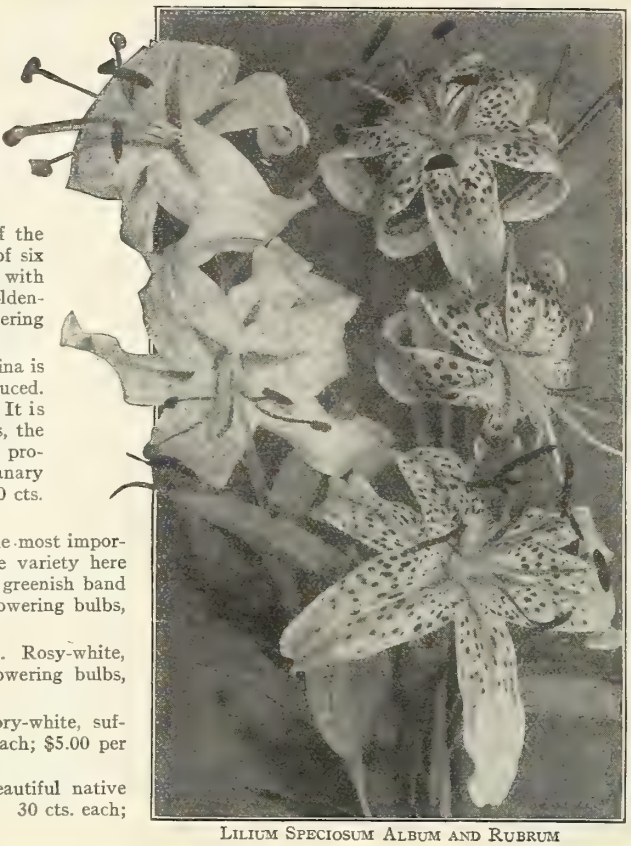
Regale (*Myriophyllum*). This new variety from Western China is admittedly one of the most beautiful Garden Lilies yet introduced. It grows 3 to 5 feet high, and blooms out of doors in July. It is perfectly hardy, and flourishes under very varied conditions, the large trumpet shaped, delicately scented flowers, which are produced freely, are ivory-white, shaded pink, tinged with canary yellow at the base of the petals. Strong flowering bulbs, 50 cts. each; $5.00 per doz.; $35.00 per 100.

Speciosum Album. The Speciosum or Lancifolium are the most important of all the Japanese Lilies, always satisfactory. The variety here offered has large white flowers of great substance, with a greenish band running through the centre of each petal. Extra large flowering bulbs, 65 cts. each; $6.50 per doz.; $50.00 per 100.

Speciosum Rubrum or Roseum. A very popular variety. Rosy-white, heavily spotted with rich crimson spots. Extra large flowering bulbs, 50 cts. each; $5.00 per doz.; $35.00 per 100.

Speciosum Magnificum. Magnificent large flowers, ivory-white, suffused rosy-crimson. Extra large flowering bulbs, 50 cts. each; $5.00 per doz.; $35.00 per 100.

Superbum (*Swamp, or American Turk's-cap Lily*). A beautiful native variety, bright reddish-orange, spotted; 3 to 6 feet; August. 30 cts. each; $3.00 per doz.; $20.00 per 100.



Lilium Speciosum Album and Rubrum

Lupinus Polyphyllus

Tigrinum Splendens (*Improved Tiger Lily*). Bright, orange-red, spotted with black; very showy; 4 to 5 feet; summer. 25 cts. each; $2.50 per doz.; $18.00 per 100.

— **Flore Plena** (*Double Tiger Lily*). Orange-red, spotted with black, double showy flowers. 30 cts. each; $3.00 per doz.; $20.00 per 100.

Linum (Flax)

Particularly useful plants for the rockery as well as for the mixed border with light graceful foliage and habit of growth producing their attractive flowers throughout the summer.

Alpinum. Of dwarf compact habit about 6 inches high with masses of blue flowers.

Narbonnense. Forms a spreading clump about 1½ to 2 feet with a profusion of azure blue flowers with white eye.

Perenne. Grows erect 1½ feet high with large azure blue flowers.

25 cts. each; $2.50 per doz.; $18.00 per 100.

Lobelia

Cardinalis (*Cardinal Flower*). Handsome border plants. Rich, fiery cardinal flowers; strong plants, often producing 10 to 18 spikes, 24 to 30 inches long. Thriving in any ordinary garden soil, but preferring a moist, deep loam, where they will not suffer from drought. Few plants are more effective at their season of bloom, which extends from early in August till late in September.

Syphilitica (*Great Lobelia*). A choice selection of our native Lobelia with large spikes of blue flowers July to September. 2 to 3 feet.

25 cts. each; $2.50 per doz.; $15.00 per 100.

Lupinus (Lupine)

Effective plants, producing large spikes of flowers, blooming in May and June. They require only well-prepared garden soil, preferably in a semi-shady location 3 feet.

Polyphyllus. Clear blue.

— **Albus.** A white variety of above.

— **Rosea.** A combination of light and dark shades of pink.

35 cts. each; $3.50 per doz.; $20.00 per 100.

We can supply seed of many Hardy Perennials, see Flower Seed Department, beginning on page 51

LYSIMACHIA CLETHROIDES

Lysimachia

Clethroides (*Goose-neck, Loose-strife*). A fine hardy variety about 2 feet high, long, dense, recurved spikes of pure white flowers from July to September. 35 cts. each; $3.50 per doz.

Fortunei. A neat looking plant growing 18 inches high with dense upright spikes of white flowers in August. The foliage turns to an attractive brilliant bronzy red in early autumn. 35 cts. each; $3.50 per doz.

Nummularia (*Creeping Jenny, or Money-wort*). Valuable for planting under trees or shrubs where grass will not grow where it quickly forms a dense carpet. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Mertensia (Blue Bells)

Virginica. An early spring-flowering plant, growing about 1 to 1½ feet high, with drooping panicles of handsome light blue flowers, fading to clear pink; one of the most interesting of our native spring flowers. May and June. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Leontopodium (Edelweiss, or Alpine Snowflower)

Alpinum. This alpine beauty is well known to tourists who have traveled in Switzerland. It is a hardy plant, and well worth a trial. It should be grown either on the rockery or in well-drained, sandy soil. June and July; 8 to 10 inches. 50 cts. each; $5.00 per doz.

Lychnis (Campion, Lamp Flower, etc.)

Of the easiest culture, thriving in any soil, and this, in addition to their brightness has brought them into high favor with lovers of hardy plants.

Chalcedonica (*Jerusalem Cross*). A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high.

— **Alba.** A white-flowered form of above.

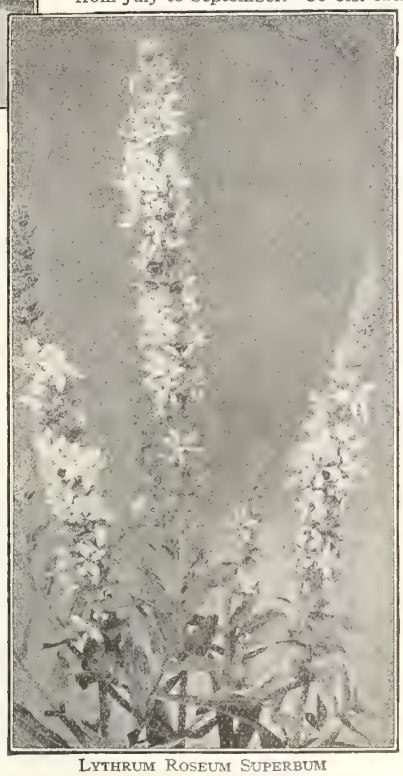
Haageana. Brilliant orange-scarlet flowers in May and June, 12 inches.

Viscaria Splendens. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red, fragrant flowers, 1 foot.

Price. 25 cts. each; $2.50 per doz.; $18.00 per 100. Set of 4 varieties for 90 cts

Lythrum

Roseum Superbum (*Rose Loose-strife*). A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September. 30 cts. each; $2.50 per doz.; $18.00 per 100.



LYTHRUM ROSEUM SUPERBUM

Myosotis (Forget-Me-Not)

Palustris Semperflorens. A variety that is hardly ever out of flower; useful in a shady spot in the border. 20 cts. each; $2.00 per doz.; $15.00 per 100.

Nierembergia (Cup-Flower)

Rivularis. A charming dwarf creeping Alpine plant, bearing large creamy-white, cup-shaped flowers from June till September; most desirable plants for the rockery, and succeed equally well in the border. 30 cts. each; $3.00 per doz.; $20.00 per 100.

OEnothera

(Evening Primrose)

The Evening Primroses are elegant subjects for growing in an exposed sunny position either in the border or on the rockery, blooming the greater part of the summer.

Missouriensis. Large yellow flowers, often 5 inches in diameter, produced freely from June till August; 12 inches.

Speciosa. A pure white variety with large flowers; 18 inches.

Youngi. Bright yellow; 18 inches.

30 cts. each; $2.50 per doz.; $15.00 per 100.

Monarda (Bergamot)

Showy plants growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

Didyma Cambridge Scarlet (*Oswego Tea*). Brilliant crimson-scarlet.

— **Rosea** (*Bee Balm*). A pretty rose-colored form.

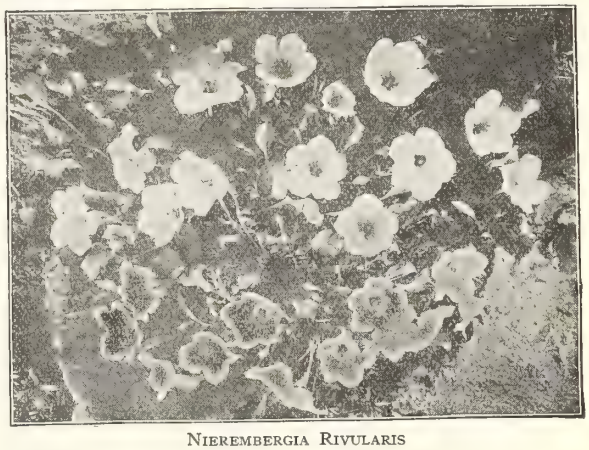
— **Violacea.** Bright amaranth red.

Fistulosa Alba (*Wild Bergamot*). A white-flowered variety.

25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 4 sorts, 85 cts.

Nepeta

Mussini. An excellent plant for any position but especially useful in the rock garden, it is of compact habit, forming dense tufts about 12 inches high with masses of small light violet blue flowers during July and August. 25 cts. each; $2.50 per doz.; $18.00 per 100.



NIEREMBERGIA RIVULARIS

The new Montbretias offered on page 125 are a wonderful advance in this line

ORIENTAL POPPY

Papaver Orientale (Oriental Poppy)

These are the regal representatives of this popular genus, growing 3 to 3½ feet high and far surpassing in splendor of bloom all the annual and biennial kinds and for a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June. We offer the following distinct varieties:

Goliath. One of the largest and most vigorous brilliant scarlets.
Jeannie Mawson. Very large flowers, a beautiful shade of soft rose.
Mahoney. Dark crimson-maroon, shaded mahogany.
May Sadler. Salmon pink with black markings.
Olympia. A new double flowering variety introduced by us two years ago, the earliest to come into bloom, vigorous habit but of compact growth. It produces more flowers than any other variety. In color a brilliant rich flame scarlet overlaid with glistening golden salmon; 2 to 2½ feet high.
Mrs. Perry. Salmon-rose.
Orange Queen. Large rich orange-red.
Perry's White. Fine satiny white with a crimson maroon blotch at the base of each petal.
Price. 35 cts. each; $3.50 per doz.; $25.00 per 100. Set of 8 sorts, $2.00.
Choice Mixed Oriental Poppies. Grown from a select strain. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Papaver Nudicaule (Iceland Poppies)

The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender leafless stems 1 foot high, each graced with charming cup-shaped flowers. We can supply these in yellow, orange and white or in choicest mixture. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Pachysandra (Japanese Spurge)

Terminalis. A trailing plant, 6 to 8 inches high, forming broad mats of bright, glossy green foliage and small spikes of flowers during May and June; invaluable as a cover plant either in sun or shade. 25 cts. each; $2.00 per doz.; $15.00 per 100; $120.00 per 1000.

Pardanthus (Blackberry Lily)

Sinensis. Bright orange, lily-like flowers during July and August on 2½ feet high stems, followed in September with seeds which resemble blackberries. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Pentstemon (Beard Tongue)

Most useful showy perennials, either for the border or rockery; flowering throughout the summer months.
Barbatus Torreyi. Spikes of brilliant scarlet flowers; height, 3 to 4 feet.
Digitalis. Large spikes of long, purple-white flowers with purple throats; 2 to 3 feet.
Heterophyllus. Large, azure-blue, 2 feet.
Pubescens. Bright rosy-purple; 1½ feet.
Price. 30 cts. each; $2.50 per doz.; $18.00 per 100. One each of the 4 sorts for $1.00.

Hardy Garden Pinks

Old favorites, bearing their sweet, clove-scented double flowers in the greatest profusion during May and June. They are indispensable for the edge of the hardy border and for cutting. 1 foot.
Essex Witch. Delicate pink, nicely fringed.
Her Majesty. A splendid smooth edged white.
Homer. Rosy-red with dark centre.
Juliette. White laced crimson.
White Reserve. An ever-blooming pure white.
Price. 25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 5 sorts, $1.00.

Platycodon
(Balloon Flower or Japanese Bell Flower)

The Platycodons are closely allied to the Campanula and form neat, branched bushes of upright habit, 2 to 2½ feet high, producing their attractive blue or white flowers from July to October.

Grandiflorum. Blue.... } 25 cts. each; $2.50 per doz.; $15.00
— **album.** White..... } per 100.

Japonica. Fl. Pl.
Double blue..... } 30 cts. each; $3.00 per doz.
Double white..... }

PAPAVER NUDICAULE (Iceland Poppy)

Two handsome double flowering Pyrethrums are offered on page 192

Dreer's Fragrant Peonies

DOUBLE HERBACEOUS PEONY

These wonderfully improved Peonies are truly the Queens of spring flowers and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are simple—a good rich, deep soil, and an open sunny position which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equaled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

An important point to observe in the planting of Herbaceous Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with two inches of soil.

Double Peonies in Mixture

Double Pink
Double Red
Double White
Double—All Colors Mixed
35 cts. each; $3.50 per doz.; $25.00 per 100.

Old-fashioned Double Red Peony

(Peony Officinalis Rubra)

This is the oldest and still one of the most popular sorts. It is the earliest to bloom, producing freely brilliant, glowing deep crimson double flowers. 60 cts. each; $6.00 per doz.

Twenty Extra Fine Double Herbaceous Peonies

Albert Crousse (Tall, Late). Very large rosy-white, flecked crimson, tall erect habit, free bloomer. One of the best cut flower varieties. 75 cts. each; $7.50 per doz.

Avalanche (Tall, Midseason). A valuable mid-season variety, with very large creamy-white flowers of superb form. 75 cts. each; $7.50 per doz.

Baroness Schroeder (Tall, Midseason). Very large globular flowers, flesh-white passing to milk-white. A strong tall grower, very free flowering and very fragrant; one of the finest Peonies grown. $1.00 each; $10.00 per doz.

Duchesse de Nemours (Medium, Early). An extra early cup-shaped, free-flowering fragrant sulphur-white. 50 cts. each; $5.00 per doz.

Edulis Superba (Tall, Early). The famous Memorial Day Peony, it usually can be depended upon to be in flower at that time in this latitude, color a beautiful light clear pink with silvery reflex, large fragrant flowers. 50 cts. each; $5.00 per doz.

Felix Crousse (Medium, Midseason). Its large globular flowers, solid and compactly built, are of a rich brilliant dazzling ruby-red, exceptionally fiery bright and effective. $1.00 each; $10.00 per doz.

Festiva Maxima (Tall, Early). The most popular of all the whites, a tall vigorous grower and free and early bloomer; color pure white flecked with crimson at centre. 50 cts. each; $5.00 per doz.

Germaine Bigot (Tall, Midseason). A mid-season variety of large flat form; color pale lilac-rose, centre prominently flecked crimson; flowers borne very freely in clusters on stout stems. $1.00 each; $10.00 per doz.

Karl Rosenfield (Tall, Midseason). Very large globular dark crimson flowers, brilliant and striking; a strong but compact grower. $1.00 each; $10.00 per doz.

Livingstone (Tall, Late). Very large double flowers of a soft lilac-rose with silver tips; central petals flaked carmine. An extra choice late variety. 75 cts. each; $7.50 per doz.

L'Indispensable (Tall, Late). Very large full double globular flowers of a soft lilac-white shading to light violet-rose towards the centre, a fine late flowering variety. 75 cts. each; $7.50 per doz.

Louis Van Houtte (Dwarf, Late). One of the best dark varieties, a rich deep crimson developing a slight silvery tip as the flowers age. 50 cts. each; $5.00 per doz.

Meissonier (Tall, Late). Guard petals brilliant purple red, centre deep crimson. 50 cts. each; $5.00 per doz.

Mme. Ducel (Dwarf, Midseason). Very perfect globular flower of a bright silvery pink with salmon shadings and silvery reflex. $1.00 each; $10.00 per doz.

Mme. Emile Galle (Medium, Midseason). Large cup-shaped double flowers of a delicate shell-pink with touches of heliotrope and lavender, an exquisitely beautiful variety. 75 cts. each; $7.50 per doz.

Model of Perfection (Tall, Late). Very late, very double, pyramidal-shaped flower of a light soft violet-rose with shades of flesh pink, marbled and veined with bright rose and silver tipped. 75 cts. each; $7.50 per doz.

Mons. Jules Elie (Medium Midseason). Probably the largest flowered; color pale lilac-rose with silvery reflex. $1.00 each; $10.00 per doz.

President Roosevelt (Tall, Midseason). Very large globular flowers on tall erect stems. One of the most striking of the dark crimson varieties. 75 cts. each; $7.50 per doz.

Rubra Superba (Tall, Late). Large, compact, deep rosy crimson; one of the best late varieties of its color. 75 cts. each; $7.50 per doz.

Sarah Bernhardt (Tall, Late). One of the strongest growing varieties, flowers of remarkable size, full and double of unusual perfection of form. Color a beautiful mauve-rose with silver tips. $1.00 each; $10.00 per doz.

SPECIAL OFFER. One strong root each of the above 20 sorts, a splendid collection, for $12.50

Japanese Iris (see page 185) make a fine display following directly after the gorgeous Peonies

DREER'S SUPERB HARDY PHLOXES

Among hardy perennial plants no class is of more importance than the Phloxes, succeeding in almost any soil and position; and flowering through a long season; and while they will continue in good condition and flower freely for many years without attention, yet they respond quickly to and are improved by liberal cultivation.

HARDY PHLOX

Dreer's New Hardy Phlox

This collection embraces the finest Novelties, selected from hundreds of varieties from noted specialists, each one of which is a strong grower, with immense panicles of individual bloom, pure in color and unsurpassed, in every way up to date.

Flora J. Riedy (Tall). A new variety of American introduction, of tall sturdy upright growth and enormous panicles of purest white flowers; free branching habit and distinct heavy dark green foliage retained throughout the season.

George Stipp (Tall). A tall strong grower producing broad trusses of a bright salmon-rose with lighter shadings in the centre and dark crimson eye.

Karl Foerster (Tall). In color similar to the old time favorite "Coquelicot," the latter a weak grower, but whose color has never been equaled in red Phloxes. This newer variety combines the brilliancy of the older variety, a rich glowing orange-scarlet, with large trusses of flowers carried on strong upright stems.

New Bird (Dwarf). Deep crimson-red, almost vermilion, and purple eye. The flower heads are carried well above the foliage in well branched spikes. A very brilliant and excellent variety, one of the best of this color.

Painted Lady (Tall). This delicate colored sort is one of the most pleasing in our entire collection. Strong upright growth and large masses of flower heads. Silver pink, with salmon shadings and cherry red eye.

Professor Went (Dwarf). One of the finest dark colored varieties, with large flower heads of rich satiny amaranth. A superb color when planted in connection with white or light colored flowers.

Rosenkavalier (Medium). Very large individual florets arranged in massive heads. An attractive lively rose color makes this one of the outstanding novelties in newer hardy Phlox.

Price. 50 cts. each; $5.00 per doz. Set of 7 sorts for $3.00.

General Collection of Hardy Phlox

Albion (Medium). Pure white with just a faint red tinted eye.

Antonin Mercie (Medium). Light ground color prettily suffused bluish lilac.

Bacchante (Medium). Tyrian rose with crimson-carmine eye.

Beacon (Tall). Brilliant cherry-red.

B. Comte (Medium). Brilliant rich French purple.

Bridesmaid (Tall). Pure white with crimson carmine centre.

Champs Elysee (Dwarf). A very bright rosy-magenta.

Commander (Medium). Brilliant deep crimson red with slightly darker eye.

Enchantress (Medium). A vigorous growing pretty salmon pink.

Europa (Medium). A pure white with a very decided crimson carmine eye, large flowers on good, compact trusses, very distinct.

Firebrand (Medium). Bright vermilion-scarlet, with deeper centre, large, strong trusses.

Jeanne d'Arc (Tall). A good standard late white.

La Vague (Medium). Pure mauve, aniline-red eye.

L'Esperance (Tall). Light lavender-pink with white centre.

Mia Ruys (Medium). Of dwarf but very robust habit, about 18 inches high, much branched, enormous trusses of very large flowers of purest white.

Mrs. Jenkins (Tall). The best tall early white for massing.

Mrs. Milly van Hoboken (Medium). A gem with very large trusses of large flowers, of a bright, peach-pink with soft mauve suffusion.

Professor Virchow (Medium). Bright carmine overlaid with brilliant orange-scarlet.

R. P. Struthers (Tall). Bright rosy-carmine with claret-red eye.

Rheinlander (Medium). A beautiful tone of salmon-pink, the color being intensified by a very decided deep claret-red eye, with flowers and trusses of immense size.

Riverton Jewel (Medium). One of our own introductions that we particularly recommend. A lovely mauve-rose illuminated by a brilliant carmine-red eye.

Rynstrom (Medium). Fine for massing, of a Paul Neyron Rose color.

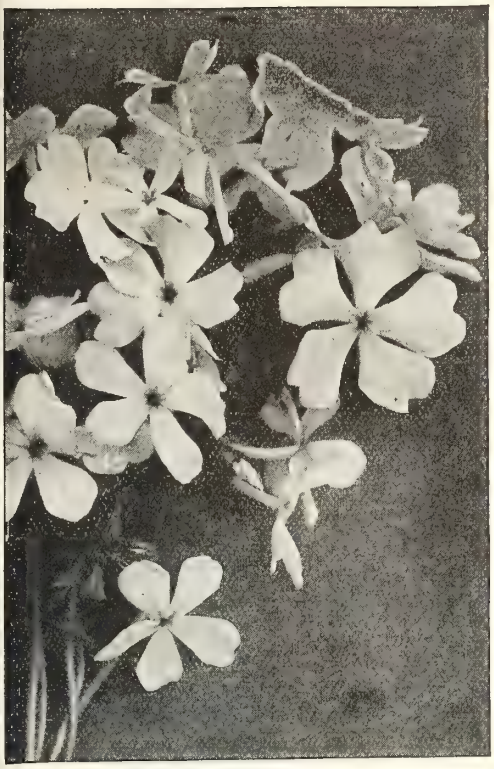
Thor (Medium). A most beautiful and lively shade of deep salmon-pink suffused and overlaid with a scarlet glow. A light, almost white halo surrounds the aniline-red eye. A very effective color.

Vesuvius (Dwarf). Bright rich carmine with salmon suffusion, blood-red eye.

Widar (Dwarf). Light, reddish-violet, with a very large white centre, which intensifies and illuminates the color.

Price. Any of the above varieties, 25 cts. each; $2.50 per doz.; $15.00 per 100. One each of the 25 varieties, $5.00.

We offer on the inside of the back cover of this catalogue a choice list of books on horticultural subjects



PHLOX DIVARACATA CANADENSIS

Physalis (Chinese Lantern Plant)

Francheti. An ornamental variety of the Winter Cherry, forming dense bushes, about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits, which can be cut and dried, in which shape they are used extensively for floral decoration during the winter. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Plumbago (Lead Wort)

Larpentae. One of the most desirable border and rock plants; it is of dwarf, spreading habit, growing 6 to 8 inches high; covered with deep blue flowers during the summer and fall months. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Polemonium (Jacob's Ladder)

Useful border plants, about 12 inches high, succeeding best in a partially shaded position; deep green, finely cut foliage, and spikes of showy flowers.

Richardsoni. Sky blue flowers with golden anthers. June and July.

— **Alba.** A white flowered form of above.

30 cts. each; $2.50 per doz.; $18.00 per 100.

Polygonatum (Solomon's Seal)

Majus. Exceedingly ornamental both in foliage and flowers; grows 3 feet high and bears pendant, creamy-white flowers in May and June. Should be grown in a shady or half-shady place for best results. 35 cts. each; $3.00 per doz.; $20.00 per 100.

Potentilla (Cinquefoil)

Charming plants for the border, with brilliant single or double flowers that are produced in profusion from June to August; succeeds in any soil; 18 inches.

Formosa. Single, rosy-red.

MacNabiana Hybrids. A splendid lot of seedlings in choicest mixture of colors containing both double and single flowering forms. 35 cts. each; $3.50 per doz.

Early-flowering Hardy Phlox

Miss Lingard. This grand white variety is one of the most popular sorts grown; it grows about 2 feet high, and starts to bloom in May, continuing to flower until late in October. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Phlox Subulata

(Moss, or Mountain Pink)

An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, or the border, and invaluable for carpeting the ground or covering graves.

Alba. Pure white. **Rosea.** Bright rose.
Lilacina. Light lilac. **Vivid.** Bright pink, red eye.
Fairy. Pale blue, compact foliage, a beautiful rock plant.

25 cts. each; $2.50 per doz.; $15.00 per 100.

Various Phloxes

Amoena. A useful variety for carpeting the ground, the rockery, or the border; it grows but 4 inches high, and in spring is a sheet of rich bright pink flowers. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Divaricata Canadensis. One of our native species, which is worthy of extensive planting, commencing to bloom early in April, and continuing through May, with large, fragrant lavender flowers on stems 10 inches high. 25 cts. each; $2.50 per doz.; $15.00 per 100.

— **Alba Grandiflora.** A grand white-flowering form, and should prove equally valuable and as great a favorite as the blue-flowered form. 35 cts. each; $3.50 per doz.

Ovata Caroliniana (*Mountain Phlox*). Grows 12 to 15 inches high, and bears masses of reddish-pink flowers in May and June. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Polygonum (Knot-Weed)

Compactum. Grows about 15 inches high, and during August and September the entire plant appears as a foamy mass of white flowers. 25 cts. each; $2.50 per doz.

EARLY-FLOWERING HARDY PHLOX MISS LINGARD

If unable to find what you want, refer to Index, page 2

PHYSOSTEGIA (False Dragon Head, or The Obedient Plant)

In selecting the Physostegia as a color subject for this year's Garden Book we did so appreciating the popularity of the older forms, Physostegia Virginica and Virginica Alba, which have long been popular not only for the splendid effects which they give as garden plants but also for their value as cut flowers.

Physostegias will succeed in almost any position where they will have a fair amount of sunshine; they are attractive in growth and foliage from the time they start into growth in early spring until they finish flowering in the autumn.

These older well-known varieties grow from 3 to 5 feet high, forming dense bushes producing their long spikes of heather-like tubular flowers from July to September, but in the new variety, Vivid, illustrated on the page opposite, we have a plant of more compact bushy habit, growing from 18 to 24 inches, which makes it available for positions where the older forms cannot be used, but aside of this its greatest value is first in its rich coloring, a brilliant effective shade of bright violet mauve that is pleasing and outstanding in any garden and in any color combination. Furthermore the individual flowers as well as the spikes of bloom are nearly double the size of the older type, beginning to flower about the middle of August it continues in good shape until the end of October. Truly a meritorious subject that will find a welcome.

The name "Obedient Plant" has been bestowed upon it due to the curious fact that the individual flowers can be turned to any angle or position on the stem in which they will remain just as placed.

We offer strong plants:

Virginica Vivid. The new variety illustrated on the opposite page. **Price.** 35 cts. each; $3.50 per dozen; $20.00 per 100.

Virginica. The popular old bright but soft pink.
Virginica Alba. A fine pure white form.
} 25 cts. each; $2.50 per dozen; $15.00 per 100.

Special Offer. We will supply one plant each of the 3 varieties for 75 cts.

Double Flowering Pyrethrum

Pyrethrum Hybridum

This grand old-fashioned Hardy Perennial is easy to grow in any good garden soil where there is good drainage and full exposure to the sun. They prefer to be left undisturbed for two or three years and if given an annual top dressing of well-rotted manure, flower generously. Their main season of blooming is in June, but if the first crop of flower stems is removed as soon as finished, they will give a fair sprinkling of flowers during the summer and autumn months. The fine fern-like foliage of the plants is attractive at all times; 1½ to 2 feet.

Two Fine Double Flowering Varieties

Miami Queen. A splendidly formed large dark pink.
Trojan. Very early crimson-red, full double.
Price. Either of the above 60 cts. each; $6.00 per doz.
Fine Single Mixed. A splendid mixture embracing all the colors from deep red through the various shades of rose to pure white. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Pyrethrum Uliginosum (Giant Daisy)

Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Hardy Primulas (Primroses)

These are among the most beautiful and interesting of our early spring flowers. Plant them in rich, well-drained soil in the border or in a sheltered nook in the rockery; if possible, in a half shady place.

Veris (*English Cowslip*). Plants grown from a select strain of seed, and embrace a fine range of mixed colors; 6 to 9 inches. 30 cts. each; $3.00 per doz.

Prunella (Self-heal)

Grandiflora. A low-growing plant, suitable for a shady spot on the rockery or border. Round heads of purple flowers all summer. 25 cts. each; $2.50 per doz.

Pulmonaria (Lungwort)

Saccharata Maculata. A beautiful plant, rivaling in the markings of its foliage many of the choicest hothouse plants; of easy culture; foliage deep green, handsomely mottled with a silvery-grey, and terminal 1 foot high spikes of pink flowers, changing to blue; May and June. 75 cts. each; $7.50 per doz.

Romneya (California Tree or Matilija Poppy)

Coulteri. This beautiful Poppy, while hardy as far north as Philadelphia, should be planted in a well-drained, sunny, sheltered position. It grows 5 to 6 feet high, and frequently has from 12 to 15 expanded flowers on a single shoot at one time. The flowers are white, 5 inches across, delicate and transparent, yet enduring in a good state for several days; delightfully fragrant. Strong plants, $1.50 each.

Romneya Coulteri

Physostegia Virginica Vivid
False Dragon Head
or The Obedient Plant

Japonica Alba
Queen Charlotte
DREER'S
Japanese
ANEMONES
Whirlwind

Dreer's Japanese Anemones (Anemone Japonica)

See illustration on page opposite.

These beautiful Windflowers, three of which are shown on the plate opposite, are one of the most important hardy plants. While they begin blooming in August, they are more especially valuable on account of their continuing in full beauty until cut down by hard frost. All are excellent for cutting, lasting in good condition for many days. The plants grow 2 to 3 feet high, are perfectly hardy if given the protection of 2 or 3 inches of leaves or litter during the winter, and, while they respond freely to liberal feeding, they will succeed in any ordinary garden soil, increasing in beauty from year to year. They can be used in solid beds or borders or clumps planted through the hardy border, which they brighten during the late fall months.

General Collection of Japanese Anemone

Alba. Large snowy white; illustrated on page opposite.

Alice. This is on the style of the variety Queen Charlotte, the flowers when first opening have the form of a Rose; as they expand the silvery rose shell-like petals become suffused with fresh carmine.

Prince Henry. Very free-flowering double rich deep pink.

Queen Charlotte. Very large semi-double flowers of a delicate La France pink; illustrated on opposite page.

Rubra. Grows only 15 to 18 inches high, semi-double rosy red flowers; very free.

Whirlwind. Large semi-double white; see illustration on opposite page.

Price. 25 cts. each; $2.50 per dozen; $15.00 per 100. The set of six varieties for $1.25.

THREE RECENTLY INTRODUCED ANEMONE JAPONICA

Buhler Kind. An exceptionally strong growing large double pure white.

Max Vogel. Flowers large, semi-double, light rose.

Richard Ahrens. Very large double white flowers, tinted pink.

Price. 35 cts. each; $3.50 per dozen. The set of three varieties for $1.00.

RUDBECKIA PURPUREA (Giant Purple Cone Flower)

Saxifraga (Megasea)

These will thrive in any kind of soil and in any position; grow about 1 foot high and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful, while the pretty rose-pink flowers appear very early in the spring.

Cordifolia. Light pink.

Crassifolia. Rosy-pink.

35 cts. each; $3.50 per doz.; $25.00 per 100.

Saxifraga Trailing Varieties

Decipiens (*Crimson Moss*). Dwarf mossy plants with white flowers in May and June. The green foliage turns crimson in winter, splendid rock plants. 35 cts. each; $3.50 per doz.

McNabiana. Splendid for the wall garden or in crevices in the rockery. Foliage gray green in the form of a rosette with spikes of small white flowers speckled with pink. 60 cts. each; $6.00 per doz.

Rudbeckia (Cone-flower)

Indispensable plants for the hardy border, grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

"Golden Glow." A well-known popular plant, a strong robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus Dahlia-like flowers from July to September.

Maxima. An attractive variety, growing 5 feet high, with large glaucous green leaves and bright yellow flowers 5 to 6 inches across, with a cone 2 inches high; flowers continuously from June to September.

Newmani. Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems 3 feet high; flowers from July to September.

Nitida "Autumn Sun." An attractive single-flowering variety, growing 5 to 6 feet high, with long broad petals of bright primrose-yellow; August to October.

Purpurea (*Giant Purple Cone-flower*). Flowers about 4 inches across, of a peculiar reddish-purple with a remarkably large cone-shaped centre of brown, forms bushy plants 3 feet high, and blooms from July to October.

Subtomentosa. A pyramidal densely branched plant, 2½ feet high, which is completely enveloped in a mass of brilliant lemon-yellow flowers with dark purple centres in summer.

Price. 25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 6 sorts for $1.25.

Rosmarinus (Rosemary)

Officinalis. An old favorite aromatic herb of neat habit of growth; requires protection. 25 cts. each; $2.50 per doz.

Santolina (Lavender Cotton)

Chamaecyparissus Incana. A dwarf evergreen perennial with attractive, silvery-white foliage; useful as a rock or border plant, and largely used for carpet bedding. 20 cts. each; $2.00 per doz.; $12.00 per 100.

GROUP OF SAXIFRAGAS (Megaseas)

SALVIA AZUREA

Salvia Pitcheri (Blue Meadow Sage)

Comes from the wilds of Colorado, and is one of the most attractive of our native plants. A true blue flower, with a long season of bloom, August, September and October, thriving in any situation and almost without care. The flowers of deepest indigo-blue are borne with the greatest profusion on long slender stalks 3 to 4 feet high and blooming at a time when blue flowers are not plentiful makes it a most noteworthy addition to any garden planting. This variety is extremely hardy and winters over in any part of the country without protection.

We illustrated this Salvia in color in our last year's Garden Book and distributed many thousands of it throughout the country and we doubt if we ever sent out a hardy perennial plant that gave as satisfactory results. 35 cts. each; $3.00 per doz.; $20.00 per 100.

Salvia (Meadow Sage)

Azurea. Grows 3 to 4 feet high, producing during August and September racemes of pretty sky-blue flowers in the greatest profusion.

Greggi. Makes a shapely, bushy plant about two feet high, and from July to late October bears masses of rich and luminous brilliant carmine flowers; requires protection in winter.

Greggi Alba. A pretty white flowered form, which makes a good companion to the red flowered type.

30 cts. each; $2.50 per doz.; $18.00 per 100.

Scabiosa

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water.

Caucasica (*Blue Bonnet*). A charming soft shade of lavender, commences blooming in June, continuing until September. 18 to 24 inches high.

Japonica. Lavender-blue flowers, from July to October; 2 feet.

30 cts. each; $3.00 per doz.; $18.00 per 100.

Senecio (Groundsel)

Pulcher. Forms a neat tuft of foliage, from which spring up from July to October, a succession of 2-feet high stems, with clusters of brilliant rosy-purple flowers, of good size. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Sedum or Stone-Crop, Dwarf Sorts

Suitable for the rockery, carpet-bedding, covering of graves, etc.

Acre (*Golden Moss*). Much used for covering graves; foliage green; flowers bright yellow; 2 to 3 inch.

Album. Green foliage, white flowers; 2 to 3 inch.

Lydium. Bronzy green foliage, pink flowers; 1 to 2 inch.

— **Glaucum.** Glaucous green foliage, pink flowers; 1 to 2 inch.

Pruinatum Forsterianum. Glaucous bluish-green leaves golden yellow flowers; 2 to 3 inch.

Sarmentosum. Strong spreading habit with yellow flowers; 6 inch.

Sexangulare. Very dark green foliage; yellow flowers; 4 to 6 inch.

Sieboldi. Round succulent glaucous foliage, bright pink flowers; August and September; 8 to 10 inch.

Stolonifera. One of the most desirable; flat succulent leaves; flowers purplish-pink; July and August; 6 inches.

Spurium Coccineum. A beautiful rosy-crimson-flowered form; July and August; 6 inches.

25 cts. each; $2.50 per doz.; $20.00 per 100. Set of 10 sorts, $2.00.

Sedum, Erect Growing Varieties

Useful and pretty plants for the border, producing their interesting flowers during late summer and fall.

Spectabile. One of the prettiest erect growing species, attaining a height of 18 inches, with broad light green foliage and immense heads of handsome showy rose-colored flowers.

— **"Brilliant."** A rich colored form of the preceding, being a bright amaranth-red.

25 cts. each; $2.50 per doz.; $20.00 per 100.

SCABIOSA CAUCASICA

Saponaria (Soap Wort)

Ocymoides Splendens. A useful plant for the rockery or border, producing from May to August, masses of attractive bright rose flowers; 8 inches. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Sempervivum (Houseleek)

Evergreen succulents forming interesting rosette-like plants for the rockery. 6 distinct varieties 25 cts. each; $2.50 per doz.

Sidalcea

Erect branching plants 2 to 3 feet, producing during June and July pretty, mallow-like flowers, about an inch in diameter.

Candida. Pure white.

Rose Queen. Bright rose color.

25 cts. each; $2.50 per doz.

Silene (Catchfly)

Alpestris. A good rock plant, grows 4 inches high with white flowers in July and August.

Schafta (*Autumn Catchfly*). A charming border or rock plant from 4 to 6 inches high, with bright pink flowers from July to October.

25 cts. each; $2.50 per doz.; $15.00 per 100.

Silphium (Cup-Plant)

Perfoliatum. A stately perennial, 5 to 7 feet high, with large single yellow sunflower-like blooms from July to September. 30 cts. each; $2.50 per doz.

Stachys (Woundwort)

Betonica Grandiflora (*Betony*). Large flowers of purplish-rose; June and July; 15 inches. 25 cts. each; $2.50 per doz.

Lanata. Forms a densely-leaved mass of bright silvery-white woolly foliage and clusters of light purple flowers. 25 cts. each; $2.50 per doz.

Statice (Great Sea Lavender)

Latifolia. A most valuable plant either for the border or rockery with tufts of leathery leaves and immense candelabra-like heads, frequently 1½ feet high and 2 feet across, of purplish-blue minute flowers during July and August; these, if cut and dried, last in perfect condition for months. 25 cts. each; $2.50 per doz.; $15.00 per 100.

THALICTRUM DIPTEROCARPUM

STOKESIA (Cornflower Aster)

Stokesia (Cornflower Aster)

A beautiful native plant growing 18 inches high, bearing freely from early in June until September its handsome cornflower-like blossoms, which measure from 4 to 5 inches across.

Cyanea. Bright lavender-blue.

— alba. A pretty pure white.

— Lutea. Creamy yellow.

25 cts. each; $2.50 per doz.; $15.00 per 100.

SWEET WILLIAM

Spiraea (Goat's Beard, Meadow Sweet)

Elegant border plants with feathery plumes of flowers and neat attractive foliage; succeed best in a half shaded location.

Filipendula (*Dropwort*). Numerous corymbs of white flowers on stems 15 inches high; June and July, and pretty fern-like foliage.

Filipendula flore plena. Identical to the above, excepting that the flowers are double.

Palmata Elegans (*Pink Meadow Sweet*). One of the most useful hardy plants, with dark green foliage and purple-red stems and branches passing into the silvery pink of the broad corymbs of flowers, which are produced very free during June and July. 2 to 3 feet.

Ulmaria Fl. Pl. (*Meadow Sweet*). Grows about 3 feet high, and produces its double white flowers during June and July.

Venusta. Grows 4 to 5 feet high, with showy spikes of fragrant red flowers in July and August.

Price. 35 cts. each; $3.50 per doz.; $25.00 per 100. One each of the above 5 varieties, $1.50.

Sweet William (Dianthus Barbatus)

A well-known attractive, free-flowering hardy perennial, producing in early summer a splendid effect in beds and borders, with their rich and varied flowers. 12 to 18 inches.

Newport Pink. The prettiest color among Sweet Williams, a lovely salmon or watermelon pink.

Pure White. Very large individual flowers and trusses.

Scarlet Beauty. Rich deep scarlet; very effective.

Mixed. Containing all colors.

20 cts. each; $2.00 per doz.; $15.00 per 100.

Garden Chrysanthemums offered on page 175 will supply an abundance of flowers after everything else has been cut by frost

TROLLIUS (Globe Flower)

Trollius (Globe Flower)

Europaeus Hybrids. Desirable free flowering hybrids producing their giant buttercup-like blossoms ranging from pale yellow to deep orange on strong stems; May and June; 2 feet high. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Orange Globe. A rare variety with large orange flowers wonderful as cut flowers; May and June; 18 inches. 50 cts. each; $5.00 per doz.

Superbus. Similar in habit to Orange Globe, with pale yellow blossoms; May and June; 18 inches. 50 cts. each; $5.00 per doz. Set of 3 sorts, $1.25.

Tritoma

(Red-hot Poker, Flame Flower, or Torch Lily)

Pfitzeri (*The Everblooming Flame Flower*). The early, free and continuous blooming qualities of this variety have made it one of the great bedding plants. Succeeds in any ordinary garden soil, but responds quickly to liberal treatment; hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar. In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Royal Standard. A very distinct new variety of vigorous growth and remarkably free flowering, blooming continuously from June to the end of October, producing 3 feet high stems of good sized flower-heads, the flowers on the lower half of the spike of a bright yellow, the upper part a rich rosy scarlet; a most effective and rich color combination. $1.00 each.

Elegans Hybrids. Seedlings in mixed colors, ranging from pale yellow to deep orange red. Very showy, early and free flowering. 3 to 4 feet. August to October. 30 cts. each; $3.00 per doz.; $18.00 per 100.

Solidago (Golden Rod)

The varieties offered below are the most desirable of our native Golden Rods.

Altissima. The giant of the family, grows 10 to 12 feet high, the large heads of golden-yellow flowers reach perfection late in October.

Golden Wings. The finest of all; 4 feet high, with immense panicles of bright golden-yellow flowers from July to September.

Shorti. Golden-yellow flowers in July and August. 3 feet.

Price. 25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 3 sorts, 75 cts.

Teucrium (Germander)

Chamaedrys. An evergreen plant of dwarf shrub-like habit; glossy aromatic foliage, with spikes of purple flowers in July and August. 12 inches. 30 cts. each; $3.00 per doz.

Thalictrum (Meadow Rue)

Very graceful, pretty flowered plants, with fine cut foliage, great favorites for planting in the hardy border.

Aquilegifolium Album. Elegant Columbine-like foliage and masses of feathery white flowers during June and July. 3 feet.

Aquilegifolium Atropurpureum. A rosy-purple form of the above.

Dipterocarpum. We consider this one of the real gems among hardy plants, not only for the garden but its dainty, graceful sprays of flowers, elegantly arranged on stems 4 feet high, are invaluable for cutting; the flowers are of a charming shade of violet-mauve, which is brightened by a bunch of lemon-yellow stamens and anthers; June and July; 3 feet. (See illustration, page 195.)

Glaucum. Fine cut glaucous foliage; bronzy-yellow flowers in June; 2 feet.

Intermedium. Pale yellow flowers in July; 2 feet.

Price. 30 cts. each; $3.00 per doz.; $18.00 per 100. Set of 5 sorts, $1.25.

Thymus (Thyme)

Citriodorus Aureus. The golden leaved lemon-scented Thyme.

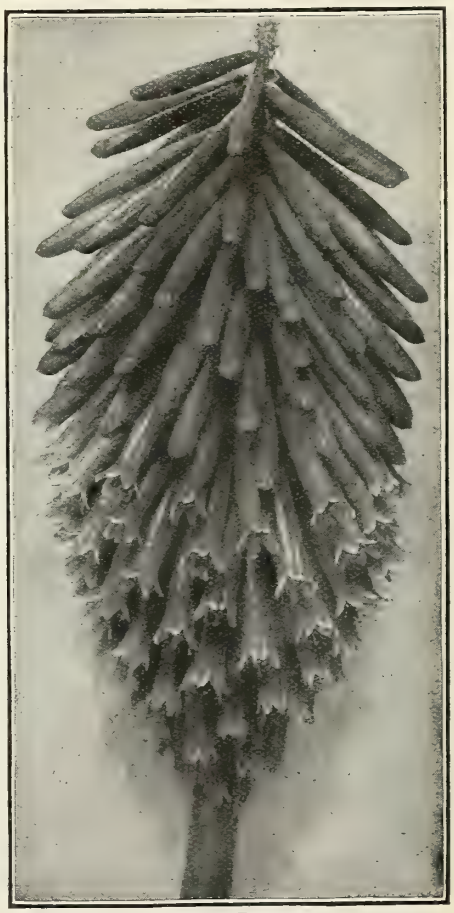
Lanuginosus (*Wooly-leaved Thyme*). Greyish foliage and rosy-lilac flowers.

Serpyllum Album (*White Mountain Thyme*). Dense mats of dark green foliage and clouds of white flowers.

Serpyllum Coccineus (*Scarlet Thyme*). Dark green foliage and bright red flowers.

— **Splendens.** Bright purplish-red flowers.

Price. 30 cts. each; $3.00 per doz.; $20.00 per 100.



TRITOMA PFITZERI

Tradescantia (Spider Wort)

Virginica. Produces a succession of blue flowers all summer; 2 feet.

— **Alba.** A white-flowered form.

25 cts. each; $2.50 per doz.

Trillium (Wood Lily, or Wake Robin)

Grandiflorum. Excellent plants for shady positions in the hardy border, or in a sub-aquatic position. Large pure white flowers in early spring; 12 to 18 inches. 15 cts. each; $1.50 per doz.; $8.00 per 100.

Tunica

Saxifraga. A pretty tufted plant with light pink flowers; produced all summer, useful for the rockery or the border; 6 to 8 inches. 25 cts. each; $2.50 per doz.

Valeriana (Valerian)

Coccinea. Showy heads of reddish flowers; June to October; 2 feet.

— **Alba.** A white-flowered form.

Officinalis (*Hardy Garden Heliotrope*). Produces showy heads of rose-tinted white flowers during June and July, with delicious, strong heliotrope odor; 3 to 4 feet.

25 cts. each; $2.50 per doz.; $18.00 per 100.

Veronica (Speedwell)

Amethystina. Amethyst-blue flowers in June and July; 2 feet.

— **Royal Blue.** Rich gentian blue; June and July; 2 feet.

— **True Blue.** A splendid rich dark blue; June and July; 2 feet.

Incana. Bright silvery foliage, blue flowers; July and August; 1 foot.

Longifolia Subsessilis (*Japanese Speedwell*). The showiest and best of the Speedwells; forms a bushy plant 2 to 3 feet high, with long dense spikes of deep blue flowers from the middle of July to early in September.

Repens. A useful rock or carpeting plant, with light-blue flowers; May.

Rupestris. A fine rock plant growing 3 to 4 inches high; thickly matted deep green foliage, hidden in spring under a cloud of bright blue flowers; May.

Rupestris Rosea. A pretty rose-colored form of above; May.

Spicata. An elegant border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July.

— **Alba.** A white-flowered form of the above.

— **Rosea.** Spikes of delicate pink flowers.

Trehani. A pretty rock plant forming a golden carpet, covered in early May with deep gentian-blue flowers.

Price. Any of the above, 25 cts. each; $2.50 per doz.; $18.00 per 100. Set of 12 sorts, $2.50.

Vinca (Periwinkle, or Trailing Myrtle)

Minor. An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive. 15 cts. each; $1.50 per doz.; $10.00 per 100; $80.00 per 1000.

New Viola Jersey Gem

Violas or Tufted Pansies

Very popular bedding plants. While the flowers are not as large as Pansies, they continue in bloom throughout the entire season from early spring until late in the autumn, making them a valuable addition to any garden and especially desirable for mass effect.

Blue Perfection. Deep purplish blue.

Lutea Splendens. Rich golden yellow.

Papilio. Violet blue, dark eye, white halo.

White Perfection. A fine white.

20 cts. each; $2.00 per doz.; $15.00 per 100.

Yucca Filamentosa

New Violas

Jersey Gem. Undoubtedly the most valuable bedding Viola yet introduced, perfectly suited to our climatic conditions and which will succeed in any good garden soil in a sunny position, blooming practically without a break from early May to the end of the season. The plant is of compact sturdy habit of growth, its flowers pure violet, without the slightest shading and borne on good stems about 6 inches long. 35 cts. each; $3.50 per doz.; $25.00 per 100.

White Jersey Gem. Identical with its parent in every way except in color, which is pure white, a most valuable addition. 50 cts. each; $5.00 per doz.; $40.00 per 100.

HARDY VIOLETS

Double Russian. This is not suited for forcing under glass, but is perfectly hardy and a gem for the garden or hardy border, producing in early spring great masses of fine large, double, deep purple flowers of exquisite fragrance. 35 cts. each; $3.50 per doz.

Pedata (*Bird's Foot Violet*). A native variety with finely cut foliage and showy blue flowers. 25 cts. each; $2.50 per doz.

Pedata Bicolor (*Painted Bird's Foot Violet*). A variety in which the upper petals are of a rich purple, the lower ones nearly white. 25 cts. each; $2.50 per doz.

Wallflowers

The old fragrant favorite; mixed colors, including yellow, brown, etc.; May; 12 to 15 inches. 30 cts. each; $2.50 per doz.

Yucca (Adam's Needle)

Filamentosa. Broad sword-like foliage and 5 to 6 feet tall, branched spikes of large, fragrant, drooping, creamy white flowers during June and July make it an effective plant for all positions. 30 cts. each; $3.00 per doz.; $18.00 per 100.

The Giant Marshmallows are showy from July to September, see page 182

DREER'S CHOICE HARDY SHRUBS

NOTE—Shrubs will be shipped on receipt of orders, or as soon as they can be dug, unless instructed to the contrary, but no orders can be accepted for delivery later than May 1, and they can only be sent by Freight or Express, at purchaser's expense. They are too heavy and large to be sent by mail. No charge for boxes, packing or delivery to express, freight or steamship lines in Philadelphia.

Shrubs are as much a part of the well balanced garden as the lawn or flower borders. Many of them are as decorative as any ornamental foliage plant, while others are highly useful as cut flowers, and a well-arranged planting presents an attractive appearance throughout the entire year.

Shrubs have many uses; such as a dividing line between the flower and the vegetable garden, or between the lawn and uncultivated land beyond; as a background to a flower border; for hiding an unsightly building, fence or foundation, or they may be planted in a mixed shrubbery border, in which case those of short, dense growth should be planted along the front of the border, graduating to the tall-growing kinds at the back.

Hardy Azaleas

The varieties here offered are the hardiest and most desirable for general garden planting; until thoroughly established it is beneficial to give them a heavy mulch of leaves during the winter, and a loose covering of evergreen branches to protect them from the sun and drying winds during freezing weather.

Amoena. A nearly evergreen variety with bright rosy purple flowers in great masses.

	Each	Doz.
10 to 12 inches in diameter	$1 50	$15 00
12 to 15 inches in diameter	2 00	20 00
15 to 18 inches in diameter	3 00	30 00

Hinodegiri. The most popular variety with dense clusters of bright fiery-red flowers.

8 to 10 inches in diameter	1 50	15 00
10 to 12 inches in diameter	2 00	20 00
12 to 15 inches in diameter	3 00	30 00

Hinamayo. A meritorious variety, resembling in general habit though smaller in foliage the popular red variety, Hinodegiri, except in color which is a delicate clear soft shade of rose pink. Bushy plants 12 to 15 inches in diameter, $2.50 each; $25.00 per doz.

Ledifolia Alba. A robust growing sort with heavy mat green foliage and large pure white flowers. 12 to 15 inches high, $2.00 each; $20.00 per doz.

Mollis (*Chinese Azalea*). A deciduous variety of extreme hardiness, blooming before the leaves develop. All the choicest colors in mixture. Very bushy plants. 15 to 18 inches high, $3.00 each; $30.00 per doz.

Yodogawa. A gem; one of the first to bloom in early spring with large semi-double lavender-pink flowers of a shade distinct from all other varieties. Strong plants 12 to 15 inches high, $2.00 each; $20.00 per doz.

SHRUBS OF SPECIAL MERIT

New Red-leaved Japanese Barberry

(Berberis Thunbergi Atropurpurea)

Similar in all respects to the green-leaved Japanese Barberry which is so popular for mixing in the shrubbery border, as single specimens, or for planting in clumps on the lawn, as well as for foundation plantings and for hedges, but the foliage of this new variety is of a rich, lustrous, bronzy red similar to the richest red-leaved Japanese Maples. As the season advances, this new Barberry becomes more brilliant and gorgeous and in the fall its foliage changes to vivid orange, scarlet and red shades. In this coloring it is unequaled by any other Shrub and is followed by the same brilliant scarlet berries common to the type which remain on the plant the entire winter.

All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

	Each	Doz.	100
Strong plants, 9 to 12 inches high	$0 50	$5 00	$35 00
" " 12 to 15 inches high	75	7 50	60 00
" " 15 to 18 inches high	1 00	10 00	75 00
" " 18 to 24 inches high	1 50	15 00	100 00

Three Choice Evergreen Barberry

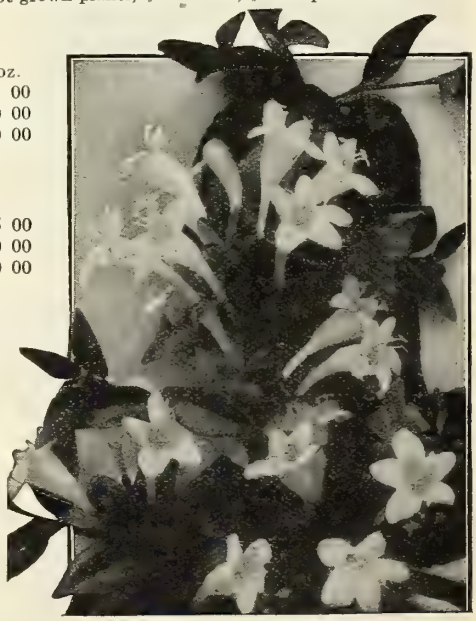
These beautiful and rare Barberries are among the best and hardiest of our evergreen Shrubs. To the plant lover, who is looking for something different, whether for single specimen or group planting, they cannot be too highly recommended. From a long list of varieties recently introduced we offer the following three distinct kinds.

Berberis Gagnepaini. Long narrow green foliage with blue-black fruits.

— **Julianae.** Deep green leaves with black fruits. Very hardy evergreen variety.

— **Verruculosa.** Small shiny green leaves; compact growing evergreen, ideal for rockery.

Strong pot-grown plants, $1.25 each; $12.00 per dozen.



Abelia Chinensis Grandiflora

NEW RED-LEAVED JAPANESE BARBERRY

Abelia Chinensis Grandiflora

A choice small Shrub of graceful habit, producing through the entire summer and fall white tinted lilac heather-like flowers in such abundance as to completely cover the plant. Plants from 4-inch pots, 50 cts. each

Calluna (Scotch Heather)

Small evergreen Shrubs growing one to two feet high, with small bell-shaped flowers in great profusion from July to September.

Vulgaris. Rosy pink.

— Alba. Pure white.

— — Aurea. A pretty gold leaved form of the white variety.

— — Searlei. A tall growing form of Alba flowering in late fall.

— Alporti. Vigorous grower with rosy carmine flowers.

Price. Strong plants 75 cts. each; one each of the five varieties for $3.00.

Cotoneaster

Very ornamental Shrubs with decorative fruits remaining usually throughout the winter. The dwarfer varieties are nearly evergreen and while especially adapted for rockery plantings are equally effective planted in clumps in front of the shrubbery border or mixed with the dwarfer broad leaved evergreens

Francheti. Tall upright densely branched Shrub with spreading branches. Fruit orange-red; semi-evergreen.

Henryana. Half evergreen tall growing variety with bright red fruits.

Humifusa. Prostrate variety of trailing habit. Bright red berries; excellent for rockery.

Horizontalis. Low growing Shrub with almost horizontal branches. Small shiny green leaves and orange-red berries produced in great quantity. One of the most effective evergreen plants for rockery or border planting.

Prostrata. A very neat dwarf variety with miniature leaves and bright red berries.

Salicifolia Flocosa. Large growing Shrub of graceful habit and willow-like foliage, bright red fruits extending well along the branches.

Price. Pot-grown plants $1.00 each; $10.00 per dozen. One each of the 6 varieties for $5.00.

Japanese Flowering Cherries

The display of Japanese Flowering Cherries at Washington, D. C., in early spring is one of the great sights of our national capital and annually attracts thousands of visitors.

These cherries are among the earliest trees to flower coming into bloom early in April. The different varieties single and double extend the flowering season for fully four weeks, the attractive single-flowered varieties coming into bloom first followed by the double sorts. They are perfectly hardy and will succeed in almost any location. We offer eight choice varieties, six erect growing and two weeping, a selection made for us by one of the most experienced growers.

Erect Growing Varieties

Daybreak. One of the earliest to bloom, flowers single pink appearing before the leaves in greatest profusion.

Naden. One of the prettiest double pinks, the petals are so numerous as to make the flower a perfect tuft.

Pink Pearl. The earliest of the doubles. Flowers fully 1½ inches in diameter, light pink–shading deeper at edges.

Takasago. Double light pink massed into large compact clusters, very showy, blooms before the leaves appear.

Ukon. Unique in having yellow flowers slightly tinted green, as the flowers mature the veins in the petals change to cerise; late flowering; semi-double.

Victory or Shirofugen. Very double, up to 2½ inches borne in racemes of about 3 each on long stems; flowers open a delicate pink changing to white; late flowering.

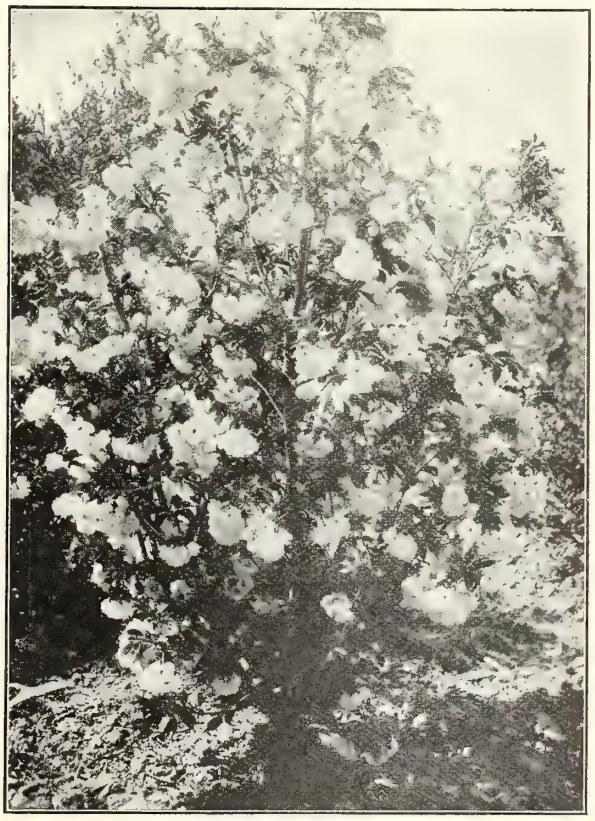
Price. Any of the above in strong plants 4 to 5 feet high $3.50 each; the collection of 6 varieties for $20.00.

Weeping Varieties

Eureka Weeping (*Japanese Weeping Rose Flowering Cherry*). A single light pink that has been grown in this country for 50 years, a tribute to its beauty and popularity.

Park Weeping. Differs from the above in the color of its flowers which are of a deep pink and a stronger grower.

Price. Either of the above two weeping varieties on 4-ft. stems, strong one-year-old heads $5.00 each; or we will supply the entire collection of 8 varieties for $25.00.



JAPANESE FLOWERING CHERRY

Daphne Cneorum (Garland Flower)

A pretty dwarf spreading Shrub from 6 to 8 inches high, valuable for the rockery or for the front of the border, producing beautiful bright pink, sweet-scented flowers early in May. Strong four-year-old plants, $1.50 each; $15.00 per doz.

Golden Leaved Privet

The best golden leaved Shrub in cultivation, valuable either as an individual specimen or for massing in connection with other Shrubs, its bright golden variegated foliage makes it a most effective subject in all forms of planting throughout the entire season. Fine shaped bushy specimen plants, 24 inches high, at 50 cts. each; $5.00 per doz.

Kolkwitzia Amabilis (Beauty Bush)

An exceedingly handsome new ornamental Shrub from the wilds of China, resembling the Weigelia and Honeysuckle to which it is allied. Growing 6 to 8 feet high at maturity with long arching branches, this variety combines all the merits of a perfect Shrub; hardiness, year around beauty of foliage and habit, and an amazing profusion of pale pink bell-shaped flowers in June. Strong plants 18 to 24 inches high, $1.00 each.

Red Leaved Japanese Maple

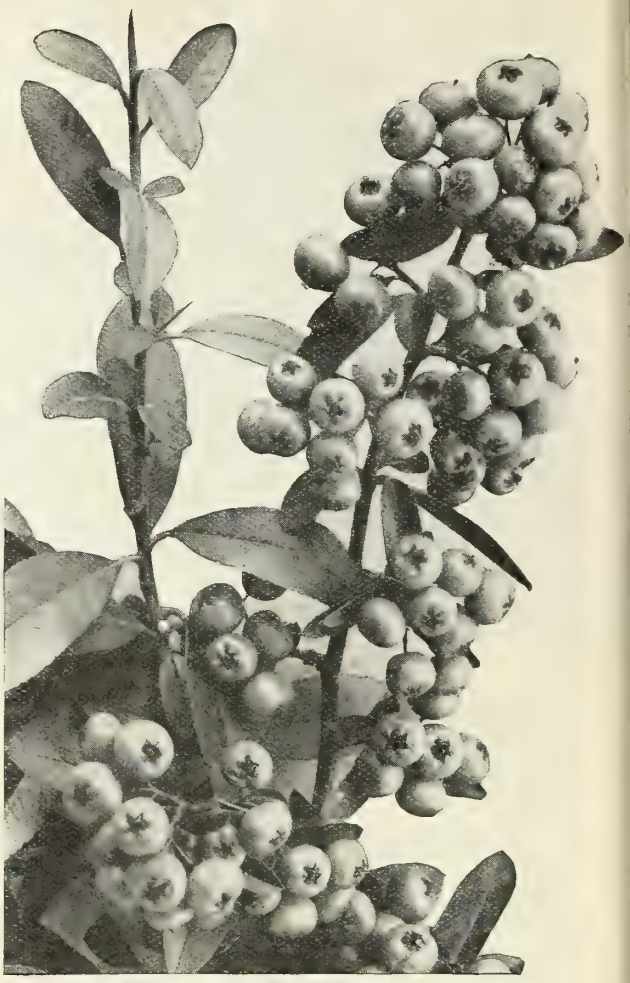
(*Acer Polymorphum Atropurpureum*)

We are pleased to be able to again offer a limited stock of the handsome red-leaved Maples; good plants about 15 inches high, $3.50 each.

Nandina Domestica

(Chinese Bamboo)

A very handsome small Shrub, hardy as far north as Philadelphia; it grows about three feet high with graceful, light green foliage, which turns to a most attractive bronzy red early in the fall. The small white flowers are produced in good sized erect panicles in spring and are followed by crimson berries. $1.00 each.



PYRACANTHA (CRATAEGUS) COCCINEA LALANDI

VITEX MACROPHYLLA

Pyracantha (Crataegus) Coccinea Lalandi

(Firethorn or Evergreen Thorn)

There is no other fruiting evergreen Shrub that is so attractive throughout the year as this fiery Thorn and which will succeed in any fairly sunny position, developing into a shapely plant 6 or more feet high; it may be planted either in connection with other Shrubs or as a single specimen or may be trained with wonderful effect against a wall. Its large trusses of white flowers are followed in summer by an abundance of brilliant orange-scarlet berries, which, remaining on the plants throughout the winter produce a gorgeous effect. Strong pot-grown plants 15 to 18 inches high, $1.00 each.

Malus (Flowering Crab Apple)

Flowering Crabs are among the showiest of the dwarf flowering trees in our American gardens. The blossoms open slowly and last a long time when fully open. Planted as individual specimens they make a gorgeous display in early Spring.

Atrosanguinea (*Carmine Crab*). Red buds and deep pink flowers; very showy variety of informal habit. Plants 3 to 4 feet high, $1.50 each.

Ioensis plena (*Bechtel Crab*). Large double fragrant pinkish flowers resembling miniature roses; neat symmetrical habit; blooms later than most other kinds. Plants 3 to 4 feet high, $1.50 each.

Purpurea (*Purple Crab*). Reddish purple flowers; open growth. Plants 3 to 4 feet high, $1.50 each.

Vitex Macrophylla

Forms a most graceful, shapely, attractive plant, 3 to 4 feet high, with nicely divided foliage with aromatic odor. The pretty lavender-blue flowers, arranged in whorls on long, graceful terminal spikes or racemes begin blooming in July, continuing without interruption until frost. A most attractive Shrub for any position. Strong plants, 75 cts. each; $7.50 per doz.

GENERAL LIST OF HARDY SHRUBS

ALTHEA WM. R. SMITH

Berberis Thunbergi (*Japanese Barberry*). A beautiful variety with small foliage, assuming the most varied tints of coloring in the autumn and attractive scarlet berries which remain on the plant the greater part of the winter; very desirable for grouping, particularly around the base of a porch or veranda to hide the foundation; succeeds in sun or shade, and is the best hedge plant we know. 40 cts. each; $3.50 per doz. Plants for hedges offered on page 212.

— **Wilsonae.** A pretty dwarf species of recent introduction with glossy green leaves and long spines, in the fall the foliage takes on the most beautiful autumnal tints. 75 cts. each.

Callicarpa Purpurea (*Beauty Berry*). A splendid berried Shrub for the border or planted in clumps on the lawn; it grows 3 feet high, its branches gracefully recurving; covered in August with tiny pink-tinted flowers, followed by great masses of violet-purple berries, these remain on the plant until mid-winter. 60 cts. each.

Calycanthus Floridus (*Sweet or Strawberry Shrub*). An old favorite with double chocolate-colored strawberry-scented flowers in May. 60 cts. each.

Cercis Japonica (*Judas Tree, or Red Bud*). A showy tall Shrub or small tree. All the branches and twigs are covered with a mass of small rosy-pink flowers early in the spring before the leaves appear. Plants, 2 to 3 feet high, 75 cts. each.

Clethra Alnifolia (*White Alder, or Sweet Pepper Bush*). One of the best of our native dwarf Shrubs, bearing spikes of pure white, deliciously fragrant flowers during July and August. 60 cts. each.

Corchorus or Kerria Japonica Fl. Pl. (*Globe-flower*). A particularly valuable Shrub on account of its clean, graceful habit of growth and its free and continuous flowering, producing its attractive double golden yellow flowers continuously from June to October. 60 cts. each.

Cornus Alba Sibirica (*Coral Dogwood*). A strong growing variety, flowers inconspicuous, but very desirable on account of its crimson colored branches in winter. 60 cts. each.

— **Florida** (*White-flowering Dogwood*). An ornamental, spreading, irregularly shaped tree, producing large white flowers in spring and rich crimson foliage in autumn. Plants 3 to 4 feet high, $1.50 each.

— **Florida Rubra** (*Red-flowering Dogwood*). A rare variety, the flowers of which are rich rosy red. The two varieties make a fine contrast. Plants 2 to 3 feet high, $3.00 each.

Althea (*Rose of Sharon*). The Altheas are among the most valuable of our tall, hardy Shrubs on account of their late season of blooming, which is from August to October, a period when but few Shrubs are in flower.

We offer the following choice double-flowering sorts:

— **Alba plena.** White, crimson centre.
— **Anemoneflora.** Dark rose.
— **Boule de Feu.** Red.
— **Duchesse de Brabant.** Dark red.
— **Jeanne d'Arc.** Pure white.
— **Paeoniflora.** Rosy purple.

60 cts. each. Set of 6 varieties, $3.00.

— **William R. Smith.** A splendid giant-flowering variety, naturally forming symmetrical bushy specimens, while the glistening pure white single flowers are of giant size, fully 4 inches in diameter, open out flat or salver-shaped quite different from the older types which only partially expand; these are produced in great profusion from early in July until late in September. Strong plants, 75 cts. each.

Aralia Pentaphylla. A very distinct ornamental Shrub with graceful arching branches and bright green foliage. 60 cts. each.

— **Spinosa** (*Hercules Club, Angelica Tree, or Devil's Walking-stick*). A singular native tree-like Shrub, growing from 10 to 15 feet high, with very prickly stems, pinnate leaves and immense panicles of white flowers in August, followed by attractive black fruit, an odd tropical looking plant; $1.00 each.

Aronia Arbutifolia (*Red Chokeberry*). A pretty upright Shrub with an abundance of white flowers in April and May, its bright red fruits in fall carrying well into winter. 75 cts. each.

Buddleia Variabilis Magnifica (*Butterfly Shrub or Summer Lilac*). One of the most desirable summer flowering Shrubs, beginning to bloom in July, it continues until cut by severe frost. The flowers are of a pleasing shade of violet mauve, and are borne in dense cylindrical spikes from 12 to 15 inches in length by 3 inches in diameter; it succeeds everywhere and flowers freely the first season planted. Good plants from 3-inch pots. 30 cts. each; $3.00 per doz.

CALLICARPA PURPUREA

FORSYTHIA

Eleagnus Longipes (*Japanese Oleaster*). A very desirable, nearly evergreen Shrub of medium height, with light foliage, which is silvered on the under surface. The abundant crop of orange-colored fruit is a very attractive feature during the summer. 75 cts. each.

Euonymus Europaeus (*Burning Bush*). A conspicuous Shrub which in the autumn and winter is loaded with scarlet seed-pods from which orange colored berries hang on slender threads. 75 cts. each.

— **Alata** (*Corkbark*). A Shrub different in character from others, having an individuality of its own. It is particularly ornamental and interesting on account of its curious corky bark. The small flowers of the spring are followed by attractive red berries in the fall. It is also valuable on account of its bright scarlet autumn foliage which makes it very conspicuous in the fall. Strong plants, $1.00 each.

— **Japonica Aurea Marginata.** An evergreen Shrub with glossy dark green leaves irregularly edged and variegated with golden yellow, a splendid plant for foundation planting particularly at the seashore, also fine to grow on in pots or tubs for house decoration; hardy as far north as Philadelphia. Strong plants in 6 inch pots, $1.50 each.

— **Japonica Argenteo variegata.** Beautifully variegated with silvery white. Strong pot plants, $1.50 each.

Exochorda Grandiflora (*Pearl Bush*). A medium-sized Shrub bearing white flowers in slender racemes in early spring; very graceful; useful for cut flowers. 75 cts. each.

Forsythia Fortunei. Strong erect habit; bright golden-yellow flowers in early spring. 60 cts. each.

— **Spectabilis.** A strong, tall growing variety with very large flowers completely covering the stems with its golden-yellow bloom. 60 cts. each.

— **Suspensa** (*Weeping Golden Bell*). A tall Shrub of willowy growth, the branches gracefully arching, covered with golden-yellow bells in early spring. 60 cts. each.

— **Suspensa atrocaulis.** Identical with Suspensa, excepting that the young growth is tinted with purple and the stems are of a dark blackish purple, very ornamental even when out of flower. 60 cts. each.

— **Viridissima** (*Golden Bell*). Strong erect habit; bright yellow bell like flowers in early spring. 60 cts. each.

Crataegus Oxyacantha Paul's Double (*English Hawthorn*). This is the finest variety with brilliant scarlet double flowers. Plants 3 to 4 feet high, $2.00 each.

Desmodium Penduliflorum. A Shrub which dies to the ground in winter but comes up vigorously in spring, throwing up shoots 3 to 4 feet high, which bear during September attractive sprays of bright rose colored pea-shaped flowers. 60 cts. each.

Deutzias. Well-known profuse flowering Shrubs, blooming in spring or early summer. The dwarf varieties are desirable for forcing under glass.

— **Crenata Magnifica.** A most distinct variety with exceptionally large corymbs of pure white double flowers, produced in wonderful profusion. 60 cts. each.

— **Crenata Mirabilis** (*New*). Of very vigorous habit, the long branches carry enormous pyramidal panicles of upright milk-white flowers of largest size. 75 cts. each.

— **Crenata Staphyleoides** (*New*). Exceptionally large white flowers in great drooping panicles, these flowers are of peculiar formation, reminding one of Staphylea Colchica, the Bladder Nut. A splendid acquisition. 75 cts. each.

— — **rosea plena** (*Double-flowering Deutzia*). Double white, tinged with pink; very desirable tall Shrub. 60 cts. each.

— **Gracilis.** A favorite dwarf bush, covered with spikes of pure white flowers in early summer. 60 cts. each.

— **Gracilis Campanulata** (*New*). A large-flowered type of Gracilis with milky-white Campanula-shaped flowers. 75 cts. each.

— — **Rosea.** A rose-tinted form of this favorite species. 60 cts. each.

— **Lemoinei.** Flowers very large and produced in cone shaped heads of pure white, which open out very full. 60 cts. each.

Elsholtzia Stauntoni. Its late flowering, September and October, makes this a particularly valuable Shrub. It grows about four feet high, of bushy branching habit, each branch terminated by a dense 4 to 8 inch long spike of attractive deep lilac colored flowers. 60 cts. each.

DEUTZIA CRENATA MAGNIFICA

We will supply all Shrubs priced at 60c. each for $6.00 per doz.; $40.00 per 100

HYDRANGEA PANICULATA GRANDIFLORA

Halesia Tetraptera (*Silver Bell or Snowdrop Tree*). One of the most desirable tall Shrubs, with pretty bell-shaped snowdrop-like white flowers in May. $1.00 each.

Hydrangea Arborescens Grandiflora (*Snowball Hydrangea*). This magnificent perfectly hardy American Shrub has snow white blossoms of largest size; it comes into bloom just after the passing of all the early Spring-blooming Shrubs, flowering from early June until late July, which makes it valuable in any garden. 60 cts. each.

— **Paniculata Grandiflora.** Without doubt the best known and most popular summer-flowering Shrub in cultivation. The flowers, which are borne in dense pyramidal panicles, are white when they first open, but gradually change to rose color, and remain in good condition for weeks.

Fine bush plants, 75 cts. each. Standard or tree shaped plants, which make beautiful specimens for the lawn or garden, $1.50 each.

Ligustrum Regelianum. A handsome Japanese Privet with spreading branches of dark green foliage, elegant and graceful as an isolated specimen. 60 cts. each.

Lilacs. See **Syringa**, page 204.

Loniceras (*Bush Honeysuckles*).

— **Grandiflora Rosea.** Rosy red flowers, striped with white; June. 60 cts. each.

— **Ledebouri.** A vigorous-growing Shrub with red flowers in May. 60 cts. each.

— **Morrowi.** A handsome Japanese variety, with white flowers during May, but especially valuable for its bright red fruit during the summer and autumn months. 60 cts. each.

— **Tatarica** (*Tartarian Honeysuckle*). Pink flowers, contrasting beautifully with the foliage; blooms in June. 60 cts. each.

Philadelphus. Popular old-fashioned Shrubs with attractive white flowers in May to June, succeed in almost any location.

— **Conquete.** Large single flowers in clusters of 3 to 5, completely covering the plant. 60 cts. each.

— **Coronarius** (*Garland Mock Orange*). The popular tall variety; very sweet and one of the first to flower. 60 cts. each.

— **Coronarius Aureus.** The golden-leaved Garland Mock Orange. 60 cts. each.

— **Enchantment** (*New*). A splendid double white flower in large panicles on long erect branches forming a most striking specimen. 75 cts. each.

— **Girandole** (*New*). Plants of excellent habit of growth, very free flowering with exceptionally well formed double milky white flowers in dense trusses. 75 cts. each.

— **Splendens.** A strong growing variety with arching branches which produce a great abundance of showy single white flowers. 60 cts. each.

— **The Banner.** A hybrid variety forming a shapely Shrub 3 to 4 feet high, with very large single flowers, one of the most desirable varieties. 60 cts. each.

— **Virginal.** Flowers 2 inches in diameter, that completely cover the branches in May and early June, slightly fragrant, one of the most desirable. 60 cts. each.

Prunus Japonica fl. pl. (*Double-flowering Almond*). A beautiful dwarf Shrub, producing its showy double flowers early in May before the leaves appear. We can supply both white and pink. Plants, 3 feet high, $1.00 each.

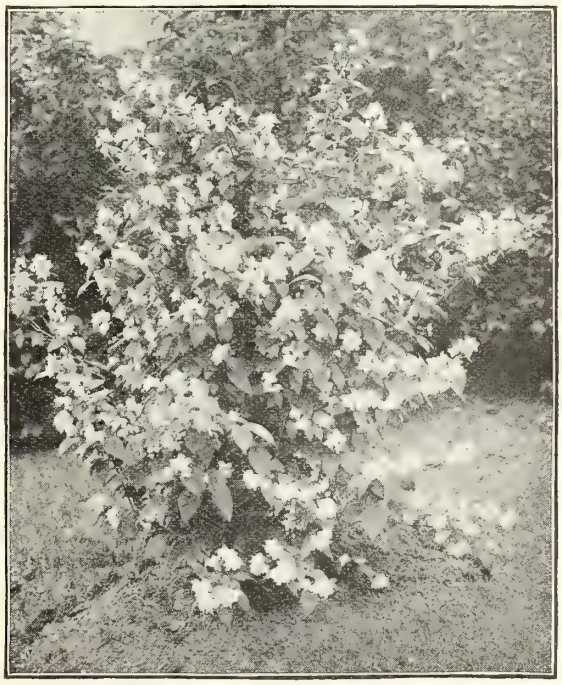
— **Pissardi** (*Purple-leaved Plum*). A dwarf Shrub, covered with single white flowers in spring; when they first appear the leaves are a lustrous crimson, changing to a rich purple. Plants, 3 to 4 feet high, $1.00 each.

— **Triloba** (*Double-flowering Plum*). An interesting Shrub of medium height, bearing in early spring semi-double delicate pink flowers over an inch in diameter. Plants 3 feet high, $1.00 each.

Pyrus or Cydonia Japonicus (*Japan Quince*). A very showy and popular Shrub, of medium height, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge. 60 cts. each.

Rhodotypus Kerrioides (*White Kerria*). A very ornamental Japanese Shrub of medium size, which succeeds well in sun or shade, with pretty foliage and large single white flowers the latter part of May. 60 cts. each.

Rhus Typhina Laciniata (*Cut-leaved Staghorn Sumac*). The leaves are beautifully cut like a delicate fern and in fall assume the most brilliant colors, this combined with its showy clusters of crimson fruit makes it a most valuable subject either as a single specimen or for mass planting. 75 cts. each.



PHILADELPHUS CORONARIUS

Robinia Hispida (*Rose Acacia*). A most desirable Shrub producing large loose racemes of beautiful rose-pink flowers in June. 75 cts. each.

Sambucus Nigra Aurea (*Golden Elder*). Of strong growth and one of the best yellow foliage Shrubs; the color is remarkably bright, rich and constant, and makes a fine contrast in the shrubbery border. 60 cts. each.

Spiraea Anthony Waterer. A valuable variety; color bright crimson; it is of dwarf, dense growth never exceeding 30 inches in height; in bloom the entire summer and fall. 60 cts. each.

— **Billardi.** Strong-growing, dense spikes of pink flowers in July. 60 cts. each.

— **Margaritae.** A free-flowering variety with flat heads of soft pink flowers from June to October; grows 3 to 4 feet high. 60 cts. each.

— **Opulifolia aurea** (*Virginian Guelder Rose*). An interesting variety of medium growth with golden tinted foliage and large white flowers in June. 60 cts. each.

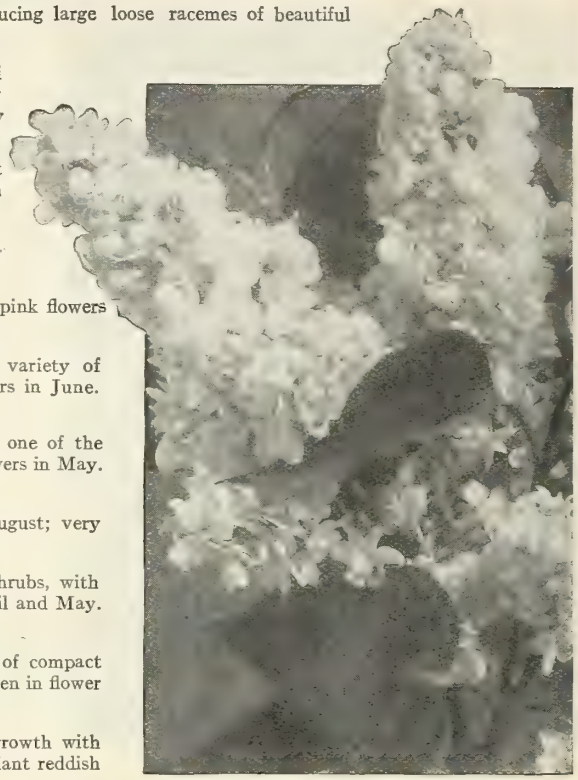
— **Prunifolia Fl. Pl.** (*Bridal Wreath*). A favorite variety and one of the best; it is a beautiful Shrub of medium size with double white flowers in May. 60 cts. each.

— **Salicifolia.** Spikes of deep pink flowers during July and August; very desirable; grows 3 to 4 feet high. 60 cts. each.

— **Thunbergi.** One of the most charming of all low-growing Shrubs, with fine delicate foliage, and a profusion of small white flowers in April and May. 60 cts. each.

— **Van Houttei.** The grandest of all the white Spiraeas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower in June it is a complete fountain of white bloom. 60 cts. each.

Stephanandra Flexuosa. Of graceful fountain-like habit of growth with finely and delicately cut leaves, which in the autumn assume brilliant reddish tints; the flowers are creamy white. 60 cts. each.



Double-flowering Syringa or Lilac

Symphoricarpos Chenaulti (*New*). This is the choicest of the Snowberries forming naturally a most graceful, shapely plant about 3 feet high and 5 feet in diameter with small foliage and dense twiggy branches which in fall bear an abundance of white to pink fruits. 75 cts. each.

— **Racemosus** (*Snowberry*). A well known dwarf Shrub with pink flowers and white berries that hang on the plant the greater part of the winter. 60 cts. each.

— **Vulgaris** (*Red Fruited, or Indian Currant*). Similar to the above, but with bright red fruit. 60 cts. each.

Syringa or Lilac, Common Purple (*Syringa Vulgaris*). The old favorite, and one of the best. 60 cts. each.

— **Common White** (*S. Vulgaris alba*). Flowers white, fragrant, beautiful. 60 cts. each.

— **Charles X.** A strong, rapid growing variety, with large, shining leaves. Trusses rather loose; large, reddish purple. $1.00 each.

— **Japonica.** An elegant Japanese species, eventually forming a good sized tree, flowers creamy white in great panicles a month later than other sorts. $1.00 each.

— **Josikaea** (*Hungarian Lilac*). A distinct species of stout erect growth with dark shining leaves and purple flowers which are produced late in June. $1.00 each.

— **Mme. Marie Lemoine.** The finest double white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss, are of immense size, deliciously scented; fine for cutting. $1.00 each.

— **President Grevy.** Magnificent panicles of large double blue flowers. $1.00 each.

— **William Robinson.** Very double, buds, crimson-pink, opening to deep violet-mauve. $1.00 each.

Tamarix Africana (*Tamarisk*). Strong, slender, tall-growing irregular Shrubs, with feathery foliage and small, delicate flowers borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. 60 cts. each.

— **Hispida Aestivalis.** A distinct variety, with delicate, soft pink sprays of flowers in July and August, a time when the shrubbery border is comparatively bare of flowers. 60 cts. each.

— **Indica.** Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 60 cts. each.

Viburnum Carlesi. A rare Korean variety which is entirely distinct with salver-shaped flowers of a delicate rose tinted white, passing to white sweet-scented flowers produced in terminal sub-globose cymes 2 to 3 inches in diameter, reminding one somewhat of a spray of Bouvardia. Good bushy specimens 1½ to 2 feet high. $2.00 each.

— **Plicatum** (*Japan Snowball*). One of the choicest hardy Shrubs, the perfect balls of pure white flowers are borne in great profusion in May. $1.00 each.

— **Opulus** (*High Bush Cranberry*). The white flowers in June are followed in Autumn by bright scarlet berries, which are very attractive until very late in winter. 60 cts. each.

— **Opulus Sterilis** (*Snowball or Guelder Rose*). The popular white Snowball, filled with large pendant balls of white flowers in May. 60 cts. each.

— **Rhytidophyllum.** A rare variety, particularly attractive on account of its large dark green nearly evergreen foliage, the yellowish white flowers are followed in September by red berries finally turning black. $1.00 each.

Weigelia Rosea. Soft rosy carmine. 60 cts. each.

— **Rosea Foliis Purpureis.** This is entirely distinct and will prove a welcome addition to the Shrub border, not on account of its light pink flowers but for its foliage effect, its leaves being of a rich bronzy purple. 60 cts. each.

— **Rosea Nana Variegata.** Variegated green, yellow and pink leaves; very effective and useful; flowers delicate rose. 60 cts. each.

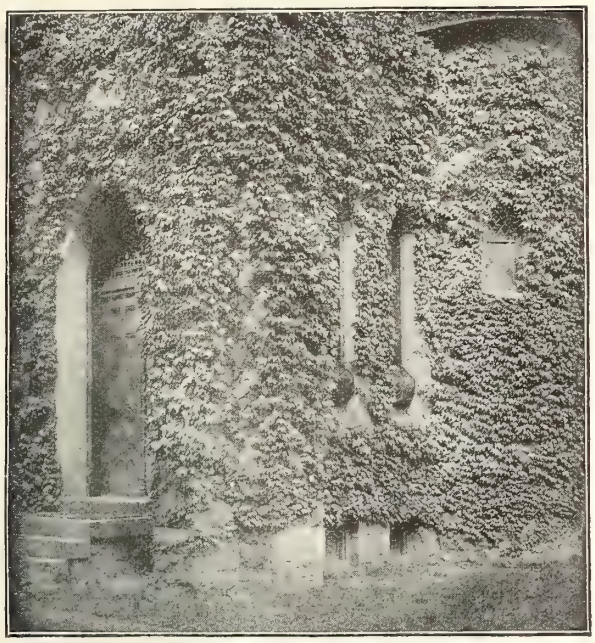
— **Eva Rathke.** The finest Weigelia in cultivation; grows 3 to 4 feet high; flowering continuously throughout the summer and autumn; of a rich ruby carmine. 75 cts. each.

Hedge Plants, See page 212

NOTE—We will supply all Shrubs priced at 60 cts. each for $6.00 per doz.; $40.00 per 100

DREER'S SELECT HARDY CLIMBING PLANTS

☞All Plants are forwarded on receipt of order unless instructed to the contrary, and are sent by express, purchaser paying charges. We can forward most plants by Parcel Post, and if wanted sent in this way, add to value of order in accordance with note on page 119 and Order Blank.



AMPELOPSIS VEITCHI

Actinidia

Arguta (*The Silver Vine*). A very desirable hardy Japanese climber of strong vigorous growth, with dark green, shining foliage, and greenish white flowers with purple centres which are followed by clusters of edible fruit of fig-like flavor. An excellent plant for covering arbors, trellises, etc., where a rapid and dense growth is desired. Strong plants, $1.00 each.

Chinensis. A rare climber with large orbicular foliage of dark green on the upper surface, densely tomentose beneath and when young thickly covered with bright red hairs which gives them a beautiful velvety appearance. It bears attractive yellow flowers which are succeeded by edible fruit the size of a walnut with gooseberry flavor. Hardy south of Washington. $1.00 each.

Akebia Quinata (Akebia Vine)

One of the most graceful of our hardy climbers, with deep green, small foliage, and producing in early spring numberless bunches of violet brown flowers, which have a pleasant cinnamon odor; most desirable for positions where a dense shade is not required. Strong plants, 50 cts. each; $5.00 per doz.; $35.00 per 100.

Aristolochia Sipho
(Dutchman's Pipe Vine)

A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling a pipe in shape. Its flowers, however, are of little value compared to its light green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Very strong plants, $1.00 each.

Bignonia (Trumpet Vine)

Grandiflora. The true large flowered type with large showy orange-red flowers. $1.00 each.

Radicans. For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, this will be found very useful. The dark red flowers with orange throats are large, attractive, and borne profusely; very hardy. 50 cts. each; $5.00 per doz.

Ampelopsis

Engelmanni. A greatly improved variety of the Virginia Creeper, with dense foliage of a glossy light green in summer, changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. 40 cts. each; $4.00 per doz.; $25.00 per 100.

Quinquefolia (*Virginia Creeper or American Ivy*). This well known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. 40 cts. each; $4.00 per doz.; $25.00 per 100.

Lowi. A splendid variation from the popular Boston or Japan Ivy, possessing all the merits of the parent, being perfectly hardy, clinging to the smoothest surface without support, and with much smaller foliage, which is deeply cut, giving it a grace and elegance entirely distinct from the old type. In the spring and summer the leaves are a bright fresh apple-green color, changing in the autumn to various brilliant tones of orange, crimson and scarlet. 50 cts. each; $5.00 per doz.

Veitchi (*Boston or Japan Ivy*). The most popular climbing plant for covering brick, stone or wooden walls, trees, etc.; when it becomes established it is of very rapid growth, and clings to the smoothest surface with the tenacity of the English Ivy; the foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. 50 cts. each; $5.00 per doz.; $35.00 per 100.

Boussingaultia Baselloides
(Madeira, or Mignonette Vine)

An old-fashioned popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery white flowers of delicious fragrance. Protect with litter in this latitude. Strong tubers, 15 cts. each; $1.50 per doz.

BIGNONIA GRANDIFLORA

For Climbing Roses see pages 152 to 154

CLEMATIS PANICULATA

Clematis Paniculata
(Japanese Virgin's Bower)

This handsome hardy climber is one of the most choice and satisfactory climbing flowering plants. Of strong rapid growth with small, dense, rich green foliage, and pure white, deliciously fragrant flowers, which appear in the greatest profusion in August and September, followed by silvery feathery seed pods, which make an attractive appearance until mid-winter. The plants succeed in almost any position. Not only is it adapted to run up all kinds of supports, but is just as useful for planting among rock-work, sloping banks, covering graves, or, in fact, any position where a graceful vine or trailer is desired. Strong plants, 25 cts. each; $2.50 per doz.; $15.00 per 100.

Euonymus

The trailing Euonymus are particularly desirable for their dense evergreen foliage and extreme hardiness, some varieties on account of this taking the place of the English Ivy for wall covering, others that of the Boxwood as an edging plant.

Radicans. Deep green foliage, useful for covering low foundation walls, or may be clipped the same as Boxwood for an edging plant.

Radicans Acuta. A strong growing variety with long narrow dark green leaves veined with grey, excellent as a ground cover or for wall covering.

Radicans Colorata. A robust growing variety with heavy dark green leaves, turning to beautiful reddish bronze in the autumn.

Radicans Variegata. A beautiful small-leaved green and white variegated form of the same habit as the type.

Radicans Vegeta (*Evergreen Bittersweet*). A strong growing variety, with larger leaves than the type, and producing bright orange-red berries, which remain on the plant the greater part of the winter. As an evergreen absolutely hardy wall cover this plant is unequaled.

Kewensis. A variety with very small dark green foliage. Everyone who has seen this appreciates its value as a rock plant or ground cover. It grows close to the ground, and is one of the most valuable plants for under trees where grass will not grow.

Price. Any of the above varieties. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Hardy Jasmine

Nudiflorum. Favorite climber for sheltered positions; hardy south of Philadelphia, fragrant yellow flowers. 35 cts. each; $3.50 per doz.

Celastrus Scandens
(Bitter Sweet or Wax Work)

One of our native climbing plants, of rapid growth, succeeding in almost any situation, sun or shade, with attractive light green foliage and yellow flowers during June which are followed in the autumn with bright orange fruit, which usually remain on the plant throughout the winter. 50 cts. each; $5.00 per doz.

Large-flowering Clematis

No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Their requirements are somewhat different from most other plants, and proper conditions must be given to secure satisfactory results. They need rich, deep soil, perfect drainage, abundance of water and most important of all, they should be planted with the crowns three inches beneath the surface of the soil.

Anderson Henryi. Creamy white, large.

Duchess of Edinburgh. Large, shapely double flowering pure white.

Jackmani. The popular rich purple variety.

Mme. Edouard Andre. Very free flowering, bright carmine.

Price. Any of the above, 75 cts. each; $7.50 per doz.

Clematis Montana Undulata
(Anemone Clematis)

A strong, vigorous, perfectly hardy type that succeeds under the most adverse conditions. The Anemone or Windflower-like white flushed mauve flowers are from 1½ to 2 inches in diameter and frequently begin to expand as early as the last week in April, continuing well through May and are produced very freely. The best of the early spring-flowering climbers, of which there are but few. $1.00 each.

LARGE-FLOWERING CLEMATIS

For Climbing Roses see pages 152 to 154

Honeysuckle (Woodbine)

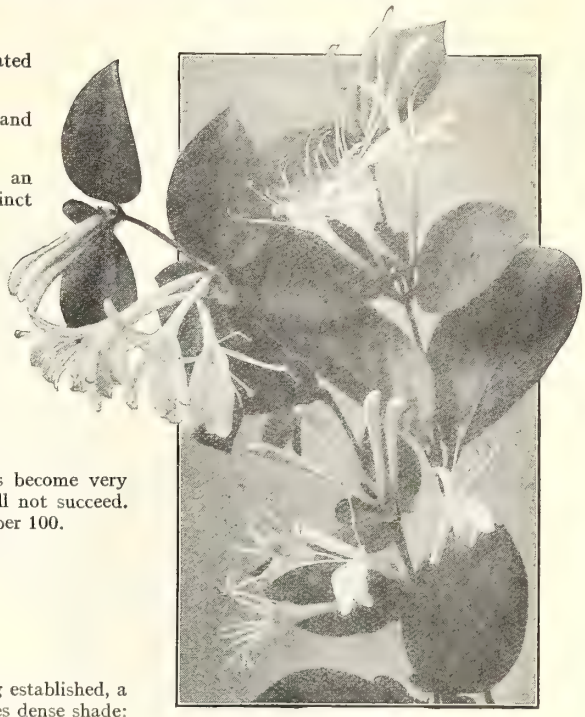
Chinese Evergreen. Very fragrant, red, yellow and white variegated flower; dark green foliage.

Halleana. Flowers pure white, turning to yellow; fragrant, hardy and almost evergreen; flowers freely.

Henryi. An introduction from China, where it has been found at an altitude of 6000 feet, with glossy almost evergreen foliage and distinct flowers of a peculiar bronzy-red color.

Variegated. Foliage beautifully mottled yellow and green.

Price. Any of the above, strong plants, 35 cts. each; $3.50 per doz.; $25.00 per 100.



HONEYSUCKLE

Hop Vines (Humulus Lupulus)

A useful climber. It is a rapid grower and bears a profusion of seedpods suitable for many domestic purposes. 25 cts. each; $2.50 per doz.

Hardy English Ivy (Hedera Helix)

Invaluable evergreen variety, used for covering walls, etc., and has become very popular for covering graves, especially if in the shade, where grass will not succeed.
Thrifty young plants in 2-inch pots, 15 cts. each; $1.50 per doz.; $10.00 per 100.
Large plants in 4-inch pots, 50 cts. each; $5.00 per doz.; $35.00 per 100.
" " " 5-inch pots, 75 cts. each; $7.50 per doz.; $60.00 per 100.
" " " 6-inch pots, $1.50 each; $15.00 per doz.
Extra large plants, in 7-inch pots, 6 feet high, $2.50 each.

Pueraria Thunbergiana
(Kudzu Vine)

The most rapid growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. Its foliage is large and furnishes dense shade; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. 25 cts. each; $2.50 per doz.

Wisterias

Most desirable hardy climbers, producing their great trusses of flowers in abundance during the month of May with some scattering bloom in August and September. They should be liberally fed when first planted to give them a vigorous start.

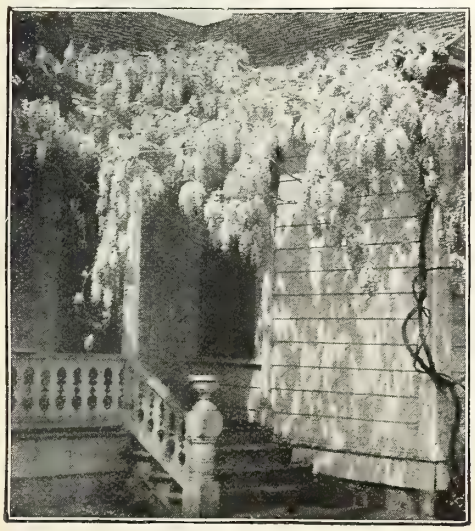
Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. $1.00 each.

— Alba. Of similar habit to Sinensis, with pure white flowers. $1.00 each.

Multijuga floreplena. Long racemes of double purple flowers. $2.00 each.

Specimen Plants of Wisteria

In addition to the above we can also supply strong specimen plants, 6 ft. high, in Single Blue and Double Blue, at $5.00 each.



WISTERIA SINENSIS

Lathyrus (Hardy Everlasting Pea)

One of the best and most desirable flowering hardy climbing plants, attractive both in flowers and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer; fine for cutting, lasting well.

Latifolius. Deep rosy-red.

— Albus. Pure white.

Price. Either, 30 cts. each; $2.50 per doz.

Polygonum Auberti
(Silver Lace Vine)

One of the most desirable flowering climbers, the plant is of strong, vigorous growth, attaining a height of 25 feet or more producing through the summer and fall great foamy sprays of white flowers, and a well established plant during its long flowering period is a mass of bloom. Not only does it thrive in the Eastern and Middle States, but we have seen it in equally good condition in Oregon, Colorado and California, adapting itself to the most varied climatic conditions. Strong plants, 75 cts. each.

POLYGONUM

For Climbing Roses see pages 152 to 154

WATER LILIES AND AQUATICS

We have prepared a leaflet giving complete directions for the cultivation of both hardy and tender Water Lilies, Aquarium Plants and other Aquatics. Copies free on request.

TROPICAL OR TENDER WATER LILIES

These are supplied after June 1st in strong, growing pot plants, and should not be planted out until after the weather has become settled and warm.

Place your order for these plants early, and we will reserve them until the proper planting season.

NYMPHAEA MRS. EDWARDS WHITAKER

Pennsylvania. Flowers of largest size of a rich blue color. Very free and continuous flowering. $2.50 each.

Pulcherrima. This variety flowers continuously winter and summer. Of a fine light blue with yellow centre. $2.00 each.

Wm. Stone. Rich violet blue shaded amaranth. $2.00 each.

Victorias, or Royal Water Lilies

Victoria Regia. The great Water-Lily of the Amazon.

Price. 3 seeds for $1.50; plants, $10.00 each.

Day-Blooming Tender Nymphaeas

Daubenyana. Small, fragrant, light blue flowers, valuable for winter blooming in aquariums or small pools. $1.00 each.

Grossherzog Ernst Ludwig. A free-flowering variety of a true violet blue with a golden yellow centre. $2.50 each.

Mrs. C. W. Ward. Deep rosy pink on long stems. $2.00 each.

Mrs. Edwards Whitaker. One of the largest flowered varieties, the huge open flowers often exceeding 13 inches in diameter. Sky blue in color becoming lighter with age. The plant is very accommodating, flowering when dwarfed from lack of room, or exuberantly filling a 15-feet basin. A splendid specimen plant that should be in every pool. $2.50 each.

Mrs. Geo. H. Pring. Immense snow white flowers freely borne through the entire summer. The young leaves are blotched with brown; the older ones plain green. The best day-blooming white tropical Water Lily, and a good contrast to the colored varieties. $2.50 each.

Ovalifolia (*Tabora Water Lily*). Of African origin; flowers of the largest size. Upon opening the flowers are almost white, but as they mature, a shade of blue suffuses them. It is very free blooming, and sweetly scented. $5.00 each.

Zanzibariensis. The darkest blue or purple of the genus; very free flowering. $1.50 each.

Zanzibariensis azurea. Clear azure-blue. $1.00 each.

Zanzibariensis rosea. Various shades of rose. $1.00 each.

NIGHT-BLOOMING TENDER NYMPHAEAS

NOTE—The following are supplied after June 1st in strong, growing pot plants, and should not be planted out until after the weather has become settled and warm.

Place your order for these plants early, and we will reserve them until the proper planting season.

Bissetti. Flowers 8 to 10 inches in diameter, cup-shaped; of a beautiful glowing shade of rosy-pink. $2.00 each.

Dentata. White, 8 to 12 inches across. $1.00 each.

Dentata Magnifica. Large cup-shaped creamy white flowers, 10 to 12 inches across. Very desirable. $2.50 each.

Dentata Superba. The largest white Water Lily grown. Flowers of clear glistening white. $3.00 each.

Devoniensis. This old favorite produces its large pure red flowers in the greatest abundance. $1.00 each.

Frank Trelease. The darkest colored of all tender Water Lilies. A glowing dark crimson. $1.50 each.

Geo. Huster. Brilliant crimson flowers. $2.00 each.

Kewensis. Medium size light pink flowers. $2.00 each.

O'Marana. Flowers large and massive. Color pink, suffused with red; very desirable. $1.50 each.

Rubra Rosea. One of the best and largest rosy-reds produced with remarkable freedom. $1.50 each.

Sturtevant. An exceedingly beautiful flower 8 to 12 inches across; bright red. One of the very best Nymphaeas; requires liberal treatment and a hot summer to bring it to perfection. $2.00 each.

NYMPHAEA FRANK TRELEASE

HARDY NYMPHAEAS OR WATER LILIES

A select list of the most suitable varieties for all Hardy Water garden purposes. Ready April 15th to June 1st. There is no Hardy Blue Water Lily. All varieties of that color will be found under Day Blooming Tender Nymphaeas.

Alba Candidissima. A very vigorous and desirable variety, requiring ample space; flowers large, pure white. $1.50 each.

Attraction. A rare free-flowering variety, blooms 6 to 8 inches across of a rich deep crimson suffused with amaranth red, centre bright orange, sepals white. $7.50 each.

Aurora. Soft rosy yellow on first day changing to deep red on third day. Stamens orange, also useful for growing in tubs. $2.00 each.

Comanche. The largest and finest of the apricot tints. The flowers have a wonderful combination of orange and glowing amber red. A strong grower and the earliest and most continuous bloomer in the hardy class. $5.00 each.

Conqueror. Very large flowers of a bright red with the petals shading to white on the concave part and streaked with deep red on the convex surface, stamens yellow orange, one of the showiest. $5.00 each.

Escarboucle. Very free flowering, 4 to 6 inches across, of a brilliant crimson-carmine with bright orange centre, one of the most brilliant. $7.50 each.

Gladstoniana. Flowers pure dazzling white; cup-shaped and very massive. $1.50 each.

Gloriosa. A superb large flower of a deep carmine-rose, becoming a dark red late in the season. Very free and continuous bloomer. $5.00 each.

Helen Fowler. A natural cross of *N. Tuberosa* type; strong vigorous growth, flowers borne on stout stems making it useful for cut purposes. Deep pink and very fragrant. $1.25 each.

James Brydon. Rich rosy crimson, reverse of petals having a silvery sheen. $5.00 each.

Laydekeri purpurata. Pleasing carmine rose flowers borne in constant succession. The plant is moderate in growth and suitable for medium-sized pools. The leaves are oval and prettily spotted; a well tried variety. $2.00 each.

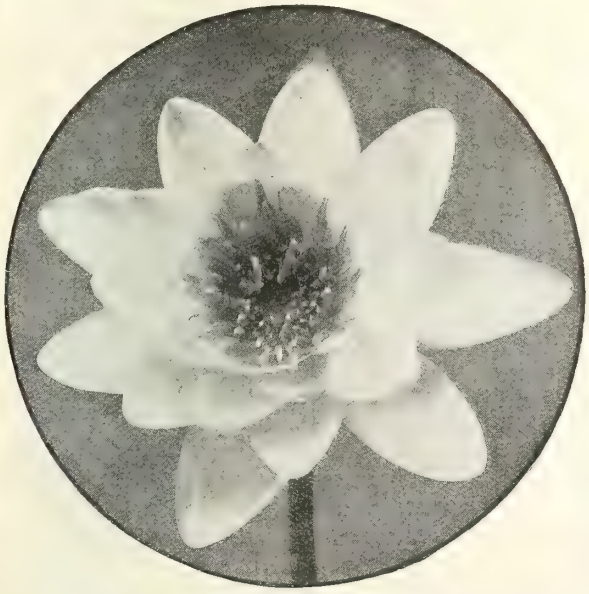
Marliacea Albida. Large, of sparkling whiteness, stamens light yellow. Fragrant and free. $1.50 each.

Marliacea Carnea. A delicate soft flesh pink deepening towards the base of the petals. $1.50 each.

Marliacea Chromatella. Petals and stamens bright yellow, 4 to 6 inches across. A free and continuous bloomer. $2.00 each.

Marliacea Rosea. A splendid companion to the above, which it resembles in all particulars except color, flowers soft rose-pink. $4.00 each.

NYMPHAEA MARLIACEA CHROMATELLA



NYMPHAEA GLADSTONIANA

Odorata. The native White Pond Lily. Very desirable for planting in quantity in natural ponds for effect and for cut flowers. 50 cts. each.

Odorata Gigantea. The native White Lily of the Southeastern States. Flowers pure white, 5 to 7 inches across. A very strong vigorous grower. 75 cts. each.

Odorata Minor. The miniature White Water Lily. Very dainty and suitable for tubs and small pools. 50 cts. each.

Odorata Rosea (*Cape Cod Pink Pond Lily*). Clear pink, very fragrant, flowers 5 to 6 inches across. $1.50 each.

Odorata Rose Arey. Deep cerise pink, very large, fragrant flowers. $2.00 each.

Odorata W. B. Shaw. This magnificent Lily has large fragrant flowers of a rich, clear, rose-pink. $1.50 each.

Paul Hariot. A large magnificent light yellow delicately shading to copper-red. Foliage spotted with brownish red, a free bloomer. $4.00 each.

Pygmaea Helvola. A charming miniature yellow from Japan, very desirable for small pools or tubs. $1.00 each.

Tuberosa. A native white variety of very strong growth, flowers from 4 to 9 inches across, produced in moderate quantity. The various varieties of Tuberosa are suitable for planting in deep water, and should have plenty of room to spread. 50 cts. each.

Tuberosa Maxima. A free-flowering variety of the above; 4 to 8 inches across, pure white, fragrant. 50 cts. each.

Tuberosa Richardsoni. Flowers pure white and quite double. No variety in our Water Garden is admired more than this immense snowball-like flower, 8 inches in diameter. $1.00 each.

Tuberosa rosea. Flowers an exquisite shade of pink. A vigorous grower, of the easiest culture. $1.00 each.

Tuberosa Sulphurea. A strong rampant grower with large sulphur yellow, sweet-scented flowers. Valuable for planting in natural ponds. $1.50 each.

William Doogue. Beautiful cup-shaped flowers of a delicate pleasing shade of shell pink. $3.00 each.

William Falconer. A warm brilliant red, intensified by the bright yellow stamens. $5.00 each.

NELUMBIUM SPECIOSUM

Limnocharis Humboldti (*Water Poppy*). Flowers yellow, produced in the greatest profusion all summer. Leaves and flowers floating. One of the best plants for shallow water 6 to 8 inches deep or for tub cultivation. Requires greenhouse protection during winter. 25 cts. each; $2.50 per doz.

Myriophyllum proserpinacoides (*Parrot's Feather*). 25 cts. each.

Pontederia cordata (*Pickerel Weed*). Flowers blue in spikes 18 to 24 inches long. 25 cts. each.

Sagittaria Japonica fl. pl. Flowers double, pure white. 50 cts. each.

Nelumbiums or Lotus

Note—Nelumbiums can only be supplied in dormant tubers from May 1st to June 1st.

Luteum (*American Lotus, Water Chinquepin*). A superb variety with yellow flowers; indigenous to the Western and Southern States. $2.00 each.

Shiroman. Enormous, double, white flowers, very sweet-scented. $5.00 each.

Speciosum (*Egyptian Lotus*). The best known variety and the easiest to grow, desirable for naturalizing in ponds where the magnificent foliage and flowers produce a splendid subtropical effect. Flowers deep rose color, creamy-white at base of petals. $2.00 each.

Miscellaneous Aquatics

For marginal and shallow water planting.

Acorus Japonicus Variegatus (*Variegated Sweet Flag*). 25 cts. each.

Cyperus Alternifolius (*Umbrella Plant*). 25 cts. each; $2.50 per doz.

Cyperus Papyrus (*Papyrus Antiquorum*). The true Egyptian Paper Plant. 50 cts. each; specimen plants in 11 in. tubs, $2.50 each.

Eichhornia Azurea. Flowers a lovely shade of lavender-blue. This species of Water Hyacinth requires to be planted in soil in shallow water 4 to 8 inches deep. It makes long, trailing floating stems, growing rapidly and flowering profusely all summer. Tender. 50 cts. each.

Eichhornia crassipes Major (*Water Hyacinth*). Flowers delicate lilac rose in trusses like a Hyacinth. 25 cts. each; $2.50 per doz.

Jussiaea longifolia. Flowers yellow in great profusion from June until frost. Grows 3 to 4 feet high. 50 cts. each.

Sagittaria Montevidiensis (*Giant Arrowhead*). 50 cts. each.

Thalia Dealbata. A stately hardy aquatic with Canna-like leaves and tall graceful spikes of plum-colored flowers which are followed by attractive seeds of the same color, it grows from 4 to 7 feet high and should be grown in shallow water or wet ground. $1.00 each.

Typha latifolia (*Cat Tail*). 25 cts. each; $2.50 per doz.

Vallisneria Spiralis (*Tape, Eel Grass or Wild Celery*). 25 cts. each; $2.50 per doz.

Zizania Aquatica (*Wild Rice*). 25 cts. each; $2.50 per doz.

Aquatic Plants for Aquariums

It is doubtful if anything is more fascinating to the young as well as to the older members of the household, than to watch the development of animal and plant life in the aquaria. Fish will not thrive unless enough plants are growing to furnish them with oxygen. To do this there should be not less than one plant to every two gallons of water. The ideal temperature is about 50 degrees, and a shady corner, or a window facing north, is best during the summer, and an east window during the winter.

Anacharis (Elodea) Canadensis Gigantea (*Giant Water Weed*). A beautiful submerged plant with dark green ovate leaves and light stems. 25 cts. each; $2.50 per doz.

Cabomba Viridifolia (*Washington Grass*). A pretty and popular submerged plant. 25 cts. per bunch; $2.50 per doz.

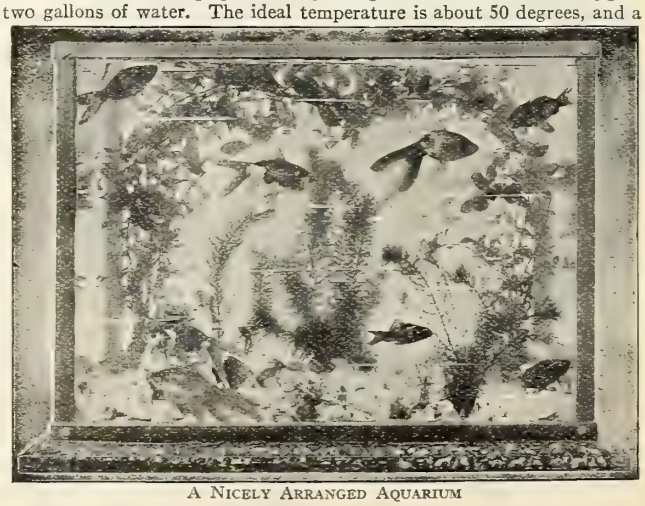
Ludwigia Mulertti. One of the prettiest of the submerged plants. The small ovate leaves are green above and pink on the under side. 25 cts. each; $2.50 per doz.

Sagittaria Natans. Long strap-like green leaves resemble the well-known *Vallisneria*. 25 cts. each; $2.50 per doz.

Sagittaria Sinensis (*Giant Sagittaria*). Leaves dark green; broader than *S. Natans*. 25 cts. each; $2.50 per doz.

Vallisneria Spiralis Italian Type (*Eel Grass*). A submerged plant with long ribbon-like leaves. 25 cts. each; $2.50 per doz.

Collection of one each of above 6 Aquarium Plants, $1.25.



A NICELY ARRANGED AQUARIUM

DREER'S SELECT SMALL FRUITS

☞ All plants are forwarded on receipt of order unless instructed to the contrary, and are sent by express, purchaser paying charges. We can forward most plants by Parcel Post, and if wanted sent in this way add to value of order in accordance with note on page 119 and Order Blank.

While the list of Small Fruits offered is short, yet it is very select, only the very finest sorts being offered. This is preferable to a long list which would necessarily contain varieties of less merit.

We do not handle fruit trees such as Apples, Pears, Cherries, etc. We have also discontinued handling Currants and Gooseberries owing to the possibility of their spreading the White Pine Blister Rust.

Blackberries

Blackberries respond generously to good treatment. They prefer a deep soil, but will grow and fruit almost anywhere.

El Dorado. One of the best; large, sweet and tender; very hardy.

Snyder. One of the oldest and still one of the most popular.

Price. 85 cts. per doz.; $6.00 per 100; $50.00 per 1000.

Two Luscious Hardy Grapes

The Caco. A cross between Catawba and Concord, which has inherited the best characteristics of both parents developing a luscious fruit which ranks close to the greenhouse grown product in high quality and melting texture. In appearance it is one of the most beautiful of all hardy grapes, berries large, wine-red with abundant bloom carried in large compact bunches. It ripens in advance of Concord and is a strong vigorous grower.

Champagne. A variety that is being extensively grown in the grape growing districts of New Jersey and which has special merit not only in the quality of its fruit but is also an exceptionally strong grower and very prolific bearer. Its berries are of large size, coppery-red in color and of delicious flavor.

We can supply strong two-year-old plants of either of the above sorts. 75 cts. each.

Six Best Standard Hardy Grapes

Catawba. Red, sweet and rich, with pleasant musky flavor.

Concord. The most popular black grape; succeeds everywhere.

Lucile. Very large red, of exquisite flavor.

Moore's Diamond. Greenish-white, with rich yellow tinge.

Moore's Early. Large, black; good quality.

Niagara. Berries large, light greenish-white; slightly ambered.

Price. Strong selected two-year-old vines, 35 cts. each; $3.50 per doz.; $25.00 per 100.

Raspberries

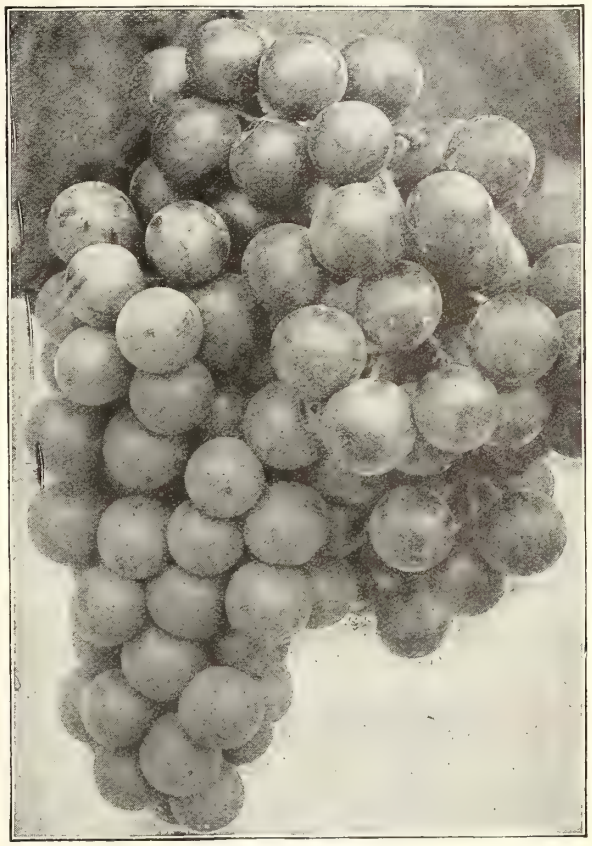
Raspberries will succeed in any soil that will grow good corn, but respond quickly to liberal treatment; for best results the old wood should be cut out just as soon as the crop has been gathered. This will give more vigor to the young canes for next year's bearing.

Cumberland. A large, black cap of exceedingly fine quality.

Cuthbert. Large, deep, rich crimson.

Everbearing Red Raniere. This is not only the earliest red raspberry, but it is a perpetual fruiting variety. Its main crop is greater than that of any other red variety, and continues to bear until late in August, at which time the berries begin to ripen on the young canes, which continue to bear fruit in increasing number until late in fall. The berries are bright crimson, of good size, excellent quality, of full raspberry flavor.

Price. Any of the above, $1.00 per doz.; $7.00 per 100; $60.00 per 1000.



HARDY GRAPES

Strawberry Plants

A selection of well-tried standard sorts, which combine all the qualities looked for in high grade berries for the home garden.

Big Joe. Midseason.
Brandywine. Midseason.
Chesapeake. Late.
Early Jersey Giant. Early.
Gandy's Prize. Late.
Glen Mary. Midseason.
Lupton. Late.
Marshall. Early to midseason.
Premier. Very early.
Senator Dunlap. Midseason.
Success. Early.
William Belt. Late.

Price. 60 cts. per doz.; $2.50 per hundred; $20.00 per 1000.

Autumn-fruiting Strawberries

The three varieties here offered after careful trials have been selected as the best of the late summer and autumn fruiting type.

Champion. A fine very dark red, free and of excellent quality. 75 cts. per doz.; $2.50 per 100; $20.00 per 1000.

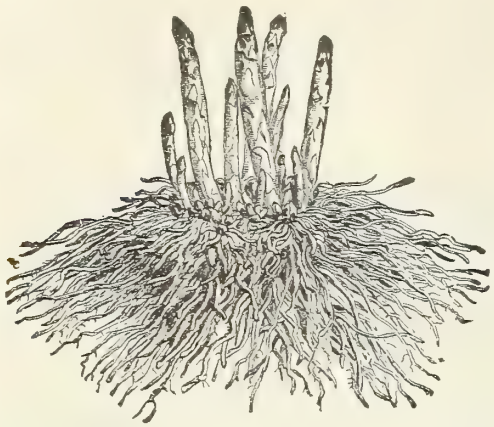
Mastodon Everbearing. The largest fruiting of the everbearing sorts, yet notwithstanding its size it is also the most prolific, bearing continuously from June until frost, fruit firm and of excellent flavor. $1.50 per doz.; $10.00 per 100.

Progressive. Berries good size, luscious and prolific. 75 cts. per doz.; $2.50 per 100; $20.00 per 1000.

Biggle's Berry Book, complete cultural directions for all small fruits including Strawberries are given in this valuable little book, 50 cts. postpaid

Vegetable Plants, Roots and Herbs

Full description of the various varieties offered below will be found under their respective heads in the Vegetable Seed Section of this catalogue, pages 3 to 47.



ASPARAGUS ROOT

	PER DOZ.	PER 100
Artichokes. Dreer's Selected Large Green Globe. Produced from selected French seed. Pot-grown plants ready in April and May	$1 50	$10 00
Asparagus Roots. We can furnish the varieties listed below in selected one-year-old roots. We do not handle two-year or older stock, the one-year-old roots are used by all experienced growers and are the best size for transplanting. Full details of culture are given in a leaflet which we send on application.		
Dreer's Eclipse. A grand green sort. A select improved Palmetto type $8.00 per 1000	30	1 00
Washington. New rust resisting. For description, see page 11. $15.00 per 1000	50	1 75

HEDGE PLANTS

Berberis Thunbergi (*Japan Barberry*). Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep in shape. The leaves are small, light green, and towards fall assume rich, brilliant colors, the fruit or berries becoming scarlet. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart. Extra strong 3-year old plants, 18 to 24 inches high, 40 cts. each; $3.50 per doz.; $25.00 per 100.

Berberis Thunbergi Atropurpurea (*New Red-leaved Japanese Barberry*). This new and brilliant variety is described and offered on page 198.

Boxwood Edging. We offer fine bushy plants as follows:

	PER DOZ.	PER 100	PER 1000
4 to 6 inches high	$2 00	$15 00	$140 00
6 to 8 inches high	3 50	25 00	225 00
12 to 15 inches high, very bushy	12 00	90 00	

California Privet (*Ligustrum ovalifolium*). Of all hedge plants this is the most popular, and more of it is planted than all others combined. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, etc. Strong plants, 24 inches high, $6.00 per 100; $50.00 per 1000.

Golden Variegated California Privet

A beautiful golden-yellow variegated form of the common California Privet which is equally hardy, and where the golden yellow color can be used in harmony with the surroundings, it is very effective.

Strong Plants, 12 to 15 inches high, $15.00 per 100; $140.00 per 1000.

Strong Plants, 18 to 24 inches high, $30.00 per 100; $250.00 per 1000.

	PER DOZ.	PER 100
Cauliflower. Ready in April and May.		
Earliest Snowstorm. Pot-grown plants	$0 75	$5 00
Celery. These will be offered in our summer list.		
Chives. 15 cts. each	1 50	10 00
Egg Plants. Early Black Beauty. Pot-grown plants ready in May and June	1 00	7 00
Hop Vines. Pot-grown plants, 25 cts. each	2 50	18 00
Horse-radish Sets. Maliner Kren or New Bohemian. Produces roots of enormous size. $15.00 per 1000	40	2 00
Lavender. Pot-grown plants, 25 cts. each	2 50	18 00
Mint. Pot-grown plants.		
Peppermint. 20 cts. each	1 50	10 00
Spearmint. 20 cts. each	1 50	10 00
Pepper. Pot-grown plants ready May and June.		
Early Giant. Large and mild	1 00	7 00
Long Red Cayenne. Hot and pungent	1 00	7 00
Parsley, Dreer's Dwarf Perfection. Beautifully curled foliage, pot-grown plants, ready April to June	1 00	7 00
Rhubarb. Victoria. Finest cooking variety, strong roots. 15 cts. each	1 50	12 00
Rosemary. Pot-grown plants. 25 cts. each	2 50	
Sage. Holt's Mammoth. 20 cts. each	1 50	10 00
Tarragon or Estragon. Pot-grown plants. 25 cts. each	2 50	15 00
Thyme. Broad-leaved English. Pot-grown plants. 20 cts. each	1 50	10 00
Tomatoes. Strong pot-grown plants ready May and June.		
Bonny Best. The most popular of the early varieties, with nearly round scarlet fruit. $40.00 per 1000	75	5 00
Selected Stone. The leading sort for general use. $40.00 per 1000	75	5 00

HEDGE OF BERBERIS THUNBERGI

GARDEN TOOLS AND ACCESSORIES

PRICES.—The prices in this catalogue are those in effect January 1, 1930, and are subject to market changes.

MAIL SHIPMENTS.—Provided postage is remitted with order, any article permitted by the Postal Authorities will be mailed.

PHILADELPHIA ASPARAGUS BUNCHER

ASPARAGUS KNIFE

Aprons. To protect the clothing while doing any work about the garden, the greenhouse, or garage.
Rubber, heavy.....$3 00 | Medium.....$2 00
Canvas, light weight..... 1 50

Asparagus Bunchers. Philadelphia No. 1, makes 3 to 3½-inch bunch; No. 2, makes 4 to 5½-inch bunch, each... 4 25

Asparagus Knife. Long, 21-inch, or short, 17-inch handle, 75 cts.; postpaid..... 85

ADJUSTABLE CARNATION SUPPORT

Asparagus Tape. 1000 yard spools, 5/16 inch wide, red or green, per spool $4.50; postpaid..... 4 65

Bird Houses. We carry a most complete line of Bird Houses. Send for Dreer's Bird Book. It illustrates the houses and gives also some general information regarding birds.

Bulb Fibre. This material, especially prepared for use in the home, contains all the necessary plant food for almost all kinds of plants and bulbs. Per ½ peck, 50 cts.; peck, 75 cts.; bushel, $2.50. By parcel post, add 20 cts. per peck.

Carnation Staples, for repairing split calyx, per 1000, 35 cts., postpaid.

Carnation Supports, Adjustable; extremely satisfactory for snapdragons, carnations, pyrethrum, etc.; being adjustable to a height of 24 inches, rings measure 7 inches in diameter. Doz., $1.00; 100, $6.50.

Cultivator and Weeder, Planet Jr. Star Pulverizer, very effective for working the flower garden, permits of cultivation where the plants are close, fitted with a 4 foot handle, width of cultivation 7½ inches.....$3 50
See page 220 for additional cultivating equipment.

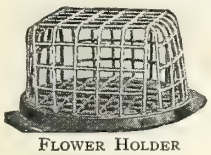
CULTIVATOR AND WEEDER

Dandelion and Plantain Extractors. A most practical and efficient weeder, 25 inches long.....$1 25

Dibbles. Useful in setting seedling plants in their permanent beds. Iron point, postpaid, 85 cts.; brass point, postpaid..... 1 15

Fertilizers. See page 222. **Flower Pots.** See page 221.

Flower Holders. When arranging flowers and foliage in bowls or other shallow containers our flower holder permits of the most graceful effects. The stems can be placed at any angle at the same time allowing a free circulation of water. Made of metal that will not rust nor corrode and will not mar nor scratch the finest bowl. The design and weight will prevent tilting or upsetting. Green lacquer, Electroplate Bronze, Silver Plate, Old Ivory Enamel, Gold Plate and Black Enamel Finishes.

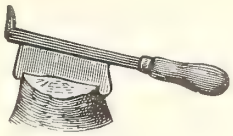


FLOWER HOLDER

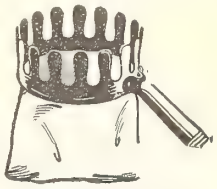
	Postpaid
No. 1, 5¼-inch diam., ¾-inch mesh..	$1 75
No. 2, 4 -inch diam., ½-inch mesh..	1 50
No. 3, 3¼-inch diam., ½-inch mesh..	1 25
No. 4, 2¼-inch diam., ½-inch mesh..	1 00

Forks. *English Digging Fork,* four pointed solid steel square tines, an exceptionally fine tool.....$2 75
Hand Weeding Fork, 50 cts., with 4 foot handle.....$0 75
Manure Fork, D handle, $2.00; long handle..... 1 75
Spading Fork, 4 tines, $2.25; 5 tines, $2.75; boys' 1 15

HAND WEEDING FORK



GRAFTING CHISEL



FRUIT PICKER WITH BAG

Fruit Pickers. Wire, without pole, 50 cts.; postpaid....$0 75
Metal, with bag, without pole, 75 cts.; postpaid..... 90

Poles for Fruit Pickers. Made of heavy bamboo, jointed, with brass ferrules. Also adapted for use with torches for burning out the caterpillar nests. Each, $1.00; postpaid, $1.15. Additional 4 foot sections, each..... 40

Fumigating Lamp. Metal, for vaporizing nicotine.... 75

Garden Line. Italian hemp, 50 ft., $1.00; 100 ft..... 1 75

Garden Reels. Black iron, capacity 100 ft. of garden line. 1 50
Galvanized iron, large, capacity 1000 to 1500 ft. of garden line..... 4 00

Garden Tool Sets. For women and children, consisting of Rake, Hoe and Shovel, very sturdily made..... 2 00

Glass Cutters. Steel wheel, 20 cts.; six wheel cutter.... 45

Glazing Points, Peerless. Made in three sizes: No. 1, for small single thickness glass; No. 2, for medium double thickness glass; No. 2½, for large double thickness glass. Per 1000, postpaid..... 75

Gloves. Lightweight, made of goat skin, extremely soft and pliable, that will be found entirely satisfactory for any purpose, excepting where very heavy thorns are to be handled. Made with knitted wristband. In ordering specify for men, or for women. Per pair, postpaid..... 75
Heavy, horsehide gloves to protect against briars, etc., wristband or gauntlets, sizes 8½ to 11½ inclusive. $2.50, parcel post..... 2 60

Grafting Chisel. 10 in., postpaid..... 1 35

Grafting Wax. One quarter pound, 20 cts.; 1 lb..... 60

Grass Edger. The Planet Jr. disc edger is a most convenient edging tool, $1.75; postpaid..... 2 00

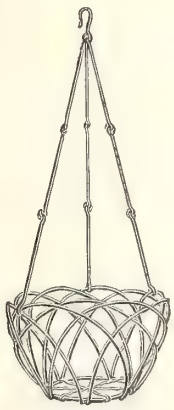
Grass Edging Knives. With straight handles, English, 9 in., $2.75; American, 9 in..... 1 25
American, D handled..... 1 50

Grass Hooks or Sickles. English, riveted back, No. 2, 90 cts.; No. 3, 95 cts.; No. 4, $1.00; solid..... 75
Little Giant, 70 cts.; Dreer's, 75 cts.; Austrian..... 45

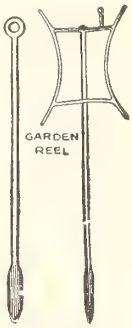
Hanging Baskets. Wire, painted green, 8 in., 25 cts. each, $2.50 doz.; 10 in., 30 cts. each, $3.00 doz.; 12 in., 45 cts. each, $4.50 doz.; 15 in., 60 cts. each, $6.50 doz.

Wire, galvanized, 8 in., 35 cts.; 10 in., 50 cts.; 12 in., 60 cts.; 14 in., 70 cts.; 16 in., $1.00 each.

PLANET JR. GRASS EDGER



WIRE HANGING BASKET



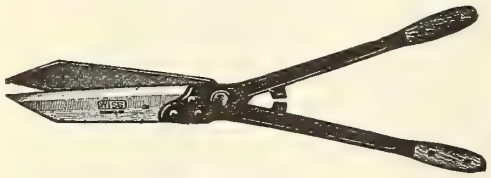
GARDEN REEL

LITTLE WONDER HEDGE TRIMMER

Hedge Trimmer, "Little Wonder." An excellent machine for cutting new growth of hedges, doing the work many times faster than the ordinary hedge shears. With 30-inch cutting bar, $25.00; 40-inch, $27.50; 60-inch, $35.00.

Hedge Shears, American. Notched, 6-inch, $1.50; 8-inch, $2.25; 9-inch, $2.50; 10-inch, $3.00; 12-inch, $3.50.

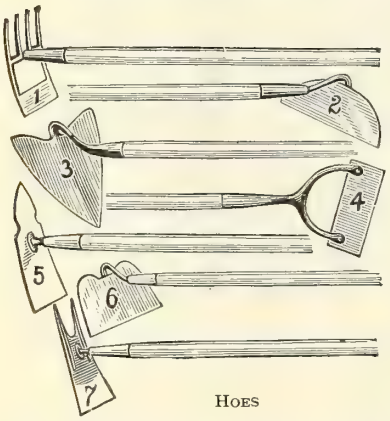
Hedge Shears, English. 6-inch, $2.50; 8-inch, $3.25; 9-inch, $3.50; 10-inch, $3.75; 12-inch, $5.00.



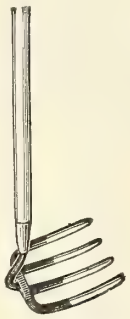
WISS HEDGE SHEAR

Hedge Shears, Wiss. The newest development in hedge shears, one blade having a serrated cutting edge that definitely prevents slipping. All parts are metal, excepting the handle grip. 6½-inch, $2.75; 8-inch, $3.25; 9-inch, $3.50; 10-inch.....$4 00

Hedge Shears, Yeakle. The Yeakle Shear has about the same appearance as the usual type of Hedge Shear. The blades have a 9-inch cutting edge, are hand forged, oil tempered and are fitted with a spring tension that keep them in position on the heaviest work, the finest Hedge Shear obtainable, per pair..... 6 50



HOES



POTATO HOE OR MANURE DRAG

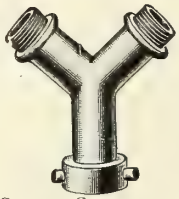
Hoes. Fig. 1, 4 teeth rake, $1.00; 6 teeth.....$1 10
Fig. 2, Half Moon, 4 in., $1.05; 5 in., $1.10; 6 in., $1.15; 7 in., $1.20; 8 in..... 1 25
Fig. 3, Warren, for furrowing, hoeing, cultivating, etc. 7 in., $1.25; 7½ in..... 1 35
Baby Warren Hoes, short handle, 4½ in. blade, 60 cts.; four foot handle, 90 cts.
Fig. 4, Scuffle, stamped steel, 4 in., 65 cts.; 6 in., 70 cts.; handles, 25 cts. additional.
Scuffle Hoes, Forged Steel, 4 in., $1.00; 6 in., $1.10; 8 in., $1.25; 10 in., $1.50; handles, 25 cts. additional.
Fig. 5, Garden, 1 point, 70 cts.; 2 points, Fig. 7..... 75
Fig. 6, Square, 6 in., $1.10; 7 in., $1.15; 8 in..... 1 25
Grubbing, for clearing ground of roots, briars, etc., blade 7 x 9 in..... 1 75
Potato hoe, or manure drag, 4 tines..... 1 50

Hose, Rubber. Moulded, for garden and greenhouse.
"Riverton," ⅝ inch, per foot.....$0 20
"Palisade," ¾ inch, per foot..... 17
"Electric," ¾ inch, per foot..... 22
"Spring Garden," ½ inch, per foot..... 14
No charge for couplings on lengths 25 feet or longer—shorter than 25 feet, 25 cts. per set.

Hose, *Spray Hose.* High pressure, ⅜ inch, per foot, 18 cts.; ½ inch, per foot, 20 cts. For knapsack sprayers, ⅜ inch, per foot, 15 cts.; ½ inch, per foot..... 17

COOPER HOSE MENDER

PERFECTION HOSE MENDER



SIAMESE CONNECTION

Hose Menders. Cooper, each 10 cts.; doz.....$1 00
Perfection, each 15 cts.; doz..... 1 50
Siamese Connection, permits the use of two lines of hose from a single outlet, postpaid..... 1 25

HOSE NOZZLE HOLDER

BOSTON NOZZLE

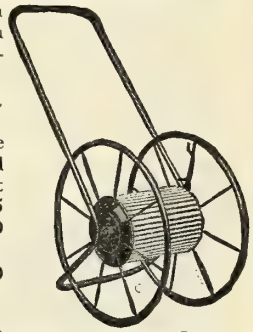
ADJUSTABLE NOZZLE

Nozzles. Adjustable Nozzle, 75 cts.; Boston, coarse or fine.$1 35

Rain King Nozzle. A fraction of a turn of the barrel changes the stream from a solid one to a drenching fan-shaped spray. Postpaid, $1.50.

Nozzle Holders, wire, 25c, postpaid.

Hose Reels.
Reeleezy. Fasten one end of the hose to the reel, then simply roll the reel over the ground. Can be hung against the wall when not in use. Holds 75 feet, ¾-inch hose.....$2 00
Victor, similar in style to Wirt's, 50 to 100 feet capacity..... 3 50
Wirt's No. 10, 100 feet, $6.00; No. 20, 150 feet, $6.50; No. 30, 500 feet..... 9 00



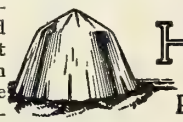
WIRT'S IRON HOSE REEL

Hotbed Mats. Frostproof Burlap, 40 x 76 in., $2.25; double mat, 76 x 76 in.....$3 50
One side waterproof, one side Burlap, 40 x 76 in., $3.00; double mat, 76 x 76 in..... 5 00

Reed Mats, 6 ft. 4 in. square, made of a strawlike reed, tied with five rows of tarred twine, excellent for windbreaks as well as for covering cold frames. $3.00 each; per dozen.....30 00

Hotbed Sash. Made of Cypress. 3 x 6 ft.
Unglazed, not painted, $4.00; glazed and painted..... 8 00
Crating charge on all glazed sash, 50 cts.

Hotkaps. A scientifically constructed wax paper cone that you place over each plant permitting the setting out of seedling plants several weeks earlier than is ordinarily possible. These miniature hothouses will protect your plants from frost, wind, rain, insects and ground crusting. Price, 50 Hotkaps, $1.00; 100 Hotkaps, $1.75; 250 Hotkaps with a special garden setter, $4.00; Standard package of 1000 Hotkaps, $11.50.



Germaco
Hotkaps
New Method of Plant Protection

Hotkap Setters. Special Setter, suitable for the backyard garden, 50 cts; Steel Setter, $2.50.

Kneeling Pads. 15 inches long, 8 inches wide, $\frac{9}{16}$ of an inch in thickness. Made of sponge rubber. The use of this pad will protect the clothing and prevent dampness from affecting the knees, postpaid.....$1 25

Knives, American, Single Blade.

Budding—White Bone Handle, unlined..... 1 50
Dreer's Special, brass lined, ebony handle, ivory tipped. 1 75
Ivory Handle, unlined, $2.00; lined and bolstered..... 3 00
Propagating—Bone handle, unlined..... 1 25
Ivory Handle, unlined, $2.00; lined and bolstered..... 3 00
Pruning—Heavy Stag or Coco Handle..... 1 50
Medium, Coco or Stag Handle..... 1 25

Dreer's Special Budding Knife

Pruning Knife

Knives, American, Two Blades.

Budding and Pruning. Heavy Stag Handle.....$1 75
Budding and Propagating. Stag Handle..... 1 75

Knives, Imported.

Budding or Propagating. Wolstenholm, bone handle, lined and bolstered..... 3 50
Propagating, German, wood handle, brass lined, blade of unequaled quality..... 1 50
Pruning. Heavy, Wolstenholm, $3.50; German..... 2 00

Labels, Wood. For pot and garden plants.

Size	100	1000	Size	100	1000
4 x $\frac{5}{8}$ inches....	$0 30	$2 00	8 x $\frac{7}{8}$ inches..	$1 25	$8 00
4½ x $\frac{5}{8}$ inches....	35	2 50	10 x $\frac{5}{8}$ inches...	1 50	9 00
5 x $\frac{5}{8}$ inches....	40	2 75	10 x $\frac{7}{8}$ inches...	1 75	10 50
6 x $\frac{5}{8}$ inches....	50	3 25	12 x 1⅛ inches...	2 25	13 50

3½ x $\frac{5}{8}$ inches, copper wired, for trees, shrubs, etc.; per 100, 45 cts.; per 1000..... 3 00
Copper or Zinc, wired for trees, 3½ in., marking is done with a stylus, furnished free with each hundred. Per doz., 30 cts.; per 100..... 1 75
Zinc. Heavy, for trees, 1 x 4 in., per 100..... 3 00
Simplex Weatherproof Plant Labels. Copper wired, writing is protected by a transparent cover, and will last indefinitely if done with lead pencil.
No. 1, 3 x ½ in., $0 50 per doz.; per 100.....$3 00
No. 2, 4 x ¾ in., 75 per doz.; per 100..... 5 00
No. 3, 5 x 1 in., 1 00 per doz.; per 100..... 7 00
Simplex Garden Labels, 24 inches long, generally used for marking specimen plants, illustrated.
No. 10, card 2¾ x 1½ in., each 25 cts. Doz... 2 75
No. 11, card 3 x 2 in., each 30 cts. Doz... 3 25

Simplex Garden Label

Label Ink. Indelible, for zinc tree labels, per bottle..... 40

Label Pencils. Special rainproof, each 10 cts.; dozen..... 1 00

Leaf Racks. The Keystone Leaf Rack can be used on any wheelbarrow with removable sides. Made of galvanized wire bolted to a wooden base, with a capacity of 10 bushels, it is quite convenient for gathering leaves, cut grass and rubbish. Price, not including wheelbarrow..... 8 00

Mole Traps. Schroeter, $2.25; Reddick.... 1 25

Moss, Imported Peat. Practically all soils, whether sandy or of a clayey nature are materially improved through the addition of Imported Peat. It should be used in generous quantities about plantings of Azaleas and Rhododendron. As a mulch for the rose bed or flower garden it has no equal. 25 lbs., 85 cts.; 50 lbs., $1.50. Per bale of approximately 165 pounds, sufficient to cover 250 square feet one inch deep.....$4 00

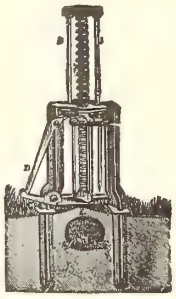
Mulch Paper, see page 222.

Nails, Wall. For supporting climbing vines, fitted with a soft metal extension which clasps the vine to wall. 1 inch, 35 cts. doz.; $2.50 per 100; 1½ inch, 50 cts. doz.; $3.25 per 100; 2 inch, 65 cts. doz.; $4.00 per 100.

Paper. Wax, 24 x 36 in., white, 24 sheets, 25 cts.; green, 30 cts.; per ream, white, $3.00; green..... 3 25

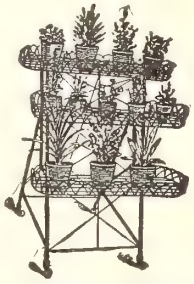
Peat. Jersey, bushel, $1.25; barrel..... 3 00
Orchid, lb., 20 cts.; bag, containing about 2½ bushels.... 3 00

Keystone Leaf Rack Attachment


Schroeter Mole Trap

Plant Stands. Wire collapsible, each shelf measures 29 inches in length, 7½ inches in width; with 2 shelves, $5.00; three shelves, $6.00.

Pot Brackets. Iron, single arm, with one pot receptacle, 50 cts.; single arm, with two pot receptacles, 65 cts.
Steel pot brackets, for 5 in. pots, 60 cts.; 6 in. pots, 70 cts.; 7 in. pots, 80 cts.


Collapsible Wire Plant Stand

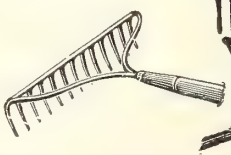
Pot Hanger

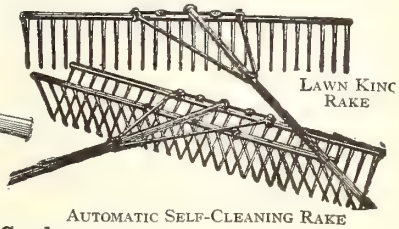
Steel Pot Bracket

Iron Pot Bracket

Pot Hangers for 5, 6, 7 and 8 in. pots, each 5 cts.; doz... $0 50

Potting Soil. Peck, 40 cts.; bushel, $1.25; barrel..... 3 00


Steel Bow Rake


Lawn King Rake
Automatic Self-Cleaning Rake

Rakes, Lawn and Garden.

Ames, wood, with 3 steel reinforcing bows, 24 teeth.....$1 50
Automatic, self-cleaning, wood, 26 teeth, $1.50; 38 teeth.. 2 50
Bamboo Broom rake, will sweep the lawn of even the finer particles, very light in weight, 18 inch head, $1.00; 24 inch..... 1 50
Garden, or level head rake, steel, 10 teeth, 95 cts.; 12 teeth, $1.00; 14 teeth, $1.10; 16 teeth..... 1 15
Garden, bow steel, teeth slightly curved, 12 teeth, $1.10; 14 teeth, $1.20; 16 teeth..... 1 30
Snap tooth rake, fitted with round wire teeth that may be removed or adjusted to conform to the work. No. 2, seven teeth, for close quarters, $1.00; No. 3, standard size..... 1 25
Wire lawn or grass rake, with curved teeth, heavily galvanized, 24 teeth, $1.00; 36 teeth..... 1 25

Raffia. This grass, being tough and pliable, is unsurpassed for tying plants. Natural color, per lb., 40 cts.; dyed green, per lb..... 1 00

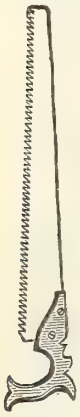
Raffia Tape. A very strong tying tape, nile green, per spool, 250 yards, postpaid..... 1 00

Scissors. Flower Gathering, hold flower when cut, postpaid..... 1 75
Flower Gathering, imported, fitted with a spring attachment which holds the flower when cut, postpaid..... 2 25
The Wiss Flower and Grape Gathering Scissor is just a little more rugged than any other. It is an ideal Pruning Shear for ladies' use, postpaid..... 1 50

Rollers, Water Ballast. A very easy running roller. The special feature of this roller is that it can be adjusted to any weight with water.

No. 601. Diam., 14 in., width, 23 in., empty, 60 lbs., filled, 250 lbs. $17 00
No. 602. Diam., 18 in., width, 23 in., empty, 75 lbs., filled, 330 lbs. 20 00
No. 603. Diam., 23 in., width, 23 in., empty, 100 lbs., filled, 440 lbs. 23 00
No. 604. Diam., 24 in., width, 32 in., empty, 115 lbs., filled, 590 lbs. 26 00

WATER BALLAST ROLLER


HAND PRUNING

PACIFIC COAST TYPE

CALIFORNIA PATTERN

ADJUSTABLE POLE

PRUNING SAWS

Saws, Disston, Pruning. 16 inch, $1.75; 18 inch, $1.85; 20 inch, $2.00; 24 inch $2 25
Pacific Coast Type, $3.00; extra blades, each 30
California pattern, 14-inch curved blade 1 25
Adjustable Pole Tree Saw, 18 inch straight blade, without pole 2 00
Pole Tree Saw, curved blade, without pole 2 00

Pruning Compound. An antiseptic, durable and elastic dressing recommended for the use on pruning wounds and cavities on trees. 1 qt., 75 cts.; 1 gal 2 25

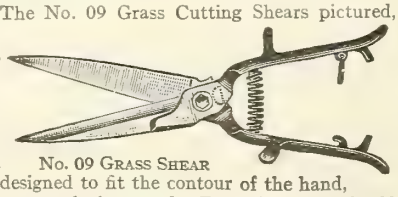
Saucers. See page 221.

Scythes. English, riveted back, 30 and 32 inch, $3.00; 34 and 36 inch 3 25
American, $2.25; heavy bush, short blade 2 50

Scythe Stone. English Talacre, 35 cts.; doz., $3.50; Darby, 25 cts.; doz., $2.50; Carborundum, 35 cts.; doz 3 50

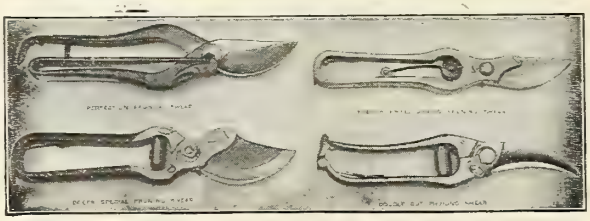
Scythe Snath or Handle 2 00

Shears, Grass. The No. 09 Grass Cutting Shears pictured, are a recent development in this sort of equipment. The blades are of razor steel, 5½ inches in length, while the handles, which have been designed to fit the contour of the hand, are of malleable iron, neatly japanned. Per pair $1 00


No. 09 GRASS SHEAR

Grass or Sheep Shears, American, 5½ inch, $1.10; 7 inch 1 25
Imported English Sheffield Steel, 5½ inch, $1.75; 7 inch 2 25

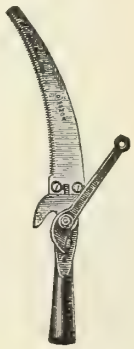
Shears, Border, for the overhanging grass along walks and bordering the garden, without wheel, American, 9 inch, $3.50; 10 inch, $4.00; imported, 9 inch, $6.00; 10 inch $6 50
Border Shears, with wheel, American, 8 inch, $3.50; 9 inch, $4.00; 10 inch, $4.50; imported, 9 inch, $6.25; 10 inch 6 75
Lawn Shears, with two wheels, blades lie flat against the ground, for under trees and fences, 9 inch, American, $4.00; imported 6 75



Hand Pruning Shears. 6 inch, nickel plated, for ladies $1 50
Dreer's Special, a first quality pruning shear, 9 inch 2 00
Perfection, blades, handles and spring forged from a single piece of steel. This shear is recommended for the most difficult work. Illustrated in upper left corner 3 50
Wiss, 9 inch, heavy. This shear is recommended particularly for heavy work 3 50
French, wheel spring, 7 inch, $2.25; 8 inch, $2.50; 8½ inch, $2.75; 10 inch 3 25
French, hand forged, hand made, an exceptional shear for careful pruning, 8 inch, $4.00; 8½ inch 4 50
Double cut, made especially for rugged work, the curved, pointed, double cutting blades make this tool especially valuable for the separation of dahlia tubers, etc. 9 inch, per pair 4 50
Hedge Shears, see page 214.

BORDER SHEAR

LAWN SHEAR


ORCHARD PRUNING HOOK AND SAW

Shears, Tree Pruning.
Lopping Shears, American, 26 inch handle, $3.50; 36 inch, $4.00; English, 2½ inch jaw, $4.50; 3 inch jaw, $5.50; 3½ inch jaw, $6.00; 4 inch jaw $6 50
Disston Pruner. A light lopping shear convenient for work too heavy for hand shears 2 50
Combined Pruning Hook and Saw. Orchard, curved saw, $3.25; Little Giant, straight saw, $3.50; poles not supplied. Additional saw blades, each 1 50
Compound Lever, Pole Pruner, 8 ft., $4.00; 10 ft., $4.50; 12 ft., $5.00; 14 ft 5 50
Telegraph, without pole, No. 1, $2.00; No. 2 ..... 4 50
Waters, Pole Pruner, 4 ft., $1.75; 6 ft., $2.00; 8 ft., $2.25; 10 ft., $2.50; 12 ft 2 75
The "Tiffany" all steel Tree Pruner forged of crucible steel, blades tempered in oil and so designed to permit cutting of limbs up to 1½ inch diameters with ease.
No. 1, length 20 inches 3 50
No. 2, length 24 inches 3 75
No. 3, length 30 inches 4 50

Sickles. See Grass Hooks, page 213.

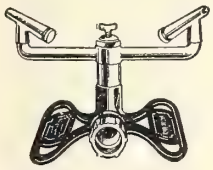
Sieves. Any size mesh. 18 inch diameter, $1.75; 20 inch, $2.00; 12 inch, 4 mesh to the inch. $1 25

Sod Lifters. Imported, heart shaped blade. 8 00

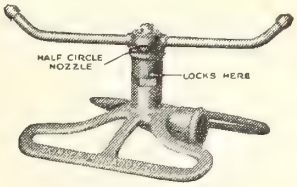
Sod Spades. Fitted with a special handle so that sod cutting is made easier. 2 25

Soil Teskit. To know that your soil is "sweet" or "sour" is often insufficient information to insure proper plant growth. The La Motte Soil Teskit will supply the means for accurate measurement and tell you what to do, as well as how to proceed in making changes that will suit your plants. Price, postpaid. 2 00

Spades, $2.50; ladies, $1.75; special long strap nursery spade, $3.50; Burbank, narrow blade, rounded point. 2 50



Rain King Sprinkler



"Mor-rain" Sprinkler

Sprinklers, Lawn. We are listing but four of the many varieties that we carry in stock. A complete list is given in our special tool catalog a copy of which will be sent upon request.

Ring Sprinkler. An 8 inch ring, made of heavy brass, giving a finely divided, well distributed mist, price, postpaid. $1 00

Mor-rain. A most simple adjustment converts the Mor-rain from a revolving sprinkler to a stationary spray watering a half circle. Quite useful for wetting gardens, bordering walks and paths; postpaid. 3 00

Rain King. The Rain King is different from any other sprinkler. Revolving or stationary spray—coarse or fine, fast or slow. Sturdy and simple in design. Covers an area 8 to 60 feet in diameter; postpaid. 3 50

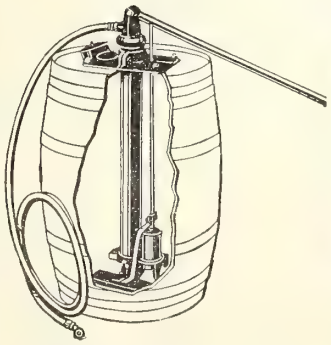
Double Rotary. One of the better known sprinklers, so much in evidence on the putting greens of golf courses. . . 12 50

Spraying, Whitewashing and Dusting Equipment.

Compressed Air Sprayer No. 1. A four gallon compressed air sprayer. No tools required to take apart. Fitted complete with an automatic nozzle, and a 2 foot extension rod.
Galvanized. 6 00
Brass. 9 00
Brass strainer for filling tank. 1 50

Compressed Air Sprayer No. 50. 1½ gallon capacity. In appearance and construction this sprayer is similar to the No. 1. Galvanized, $5.00; brass. 7 50

Barrel Spray Pump. Deming's, "Century," the leader of all barrel pumps. Equipped with a universal iron base, adjustable to any size or depth of barrel, fitting the flat head or the curved side of a barrel. Sufficiently powerful to supply two lines of hose. Pump only, $20.00; with 12½ foot section of ½ inch hose and nozzle, $23.50; complete, with barrel, $32.50.



Deming's "Century" Barrel Spray Pump

Perfect Success Bucket Pump

Bucket Spray Pumps. Deming's "Perfect Success." All working parts are brass, excepting the handle and foot rest. Fitted with a malleable iron bucket clamp, four feet of hose and a Bordeaux nozzle. $8 50
Deming's "Prize," with nozzle and 3 feet of hose. 6 00
Buckets are not furnished with either pump.

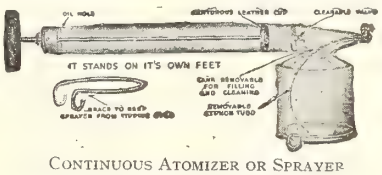
Hand Sprayers.

Atomizers, well made of heavy tin, single acting and throws a fine misty spray; tin, 1 pint, 40 cts.; 1 quart. 50

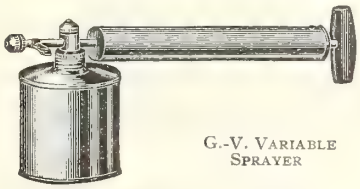
Continuous Atomizer or Sprayer. So designed that the pressure generated on the down stroke of the plunger produces a continuous mist-like spray. 1 quart, tin, $1.25; brass. 1 50
Robertson, 1 quart heavy brass, pump cylinder made of solid brass tubing. 2 00

G-V Variable Sprayer, of one quart capacity, fitted with a nozzle that will permit spraying with varying degrees of density, from a solid stream to the finest mist. An extremely satisfactory medium for applying lacquers. Tin, $1.50; Brass. 2 25

Rubber Sprinklers. Ideal for syringing and spraying house plants. 6 oz., straight or angular neck, $1.00; 8 oz., $1.15; 10 oz., $1.30. By mail, 10 cts. each additional.



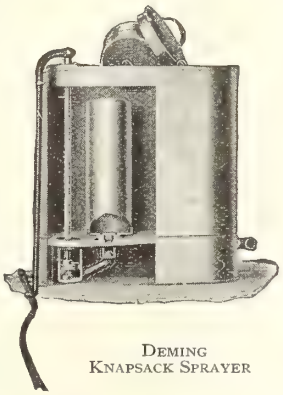
Continuous Atomizer or Sprayer



G.-V. Variable Sprayer

Rubber Plant Sprinkler

Knapsack Sprayer, Deming



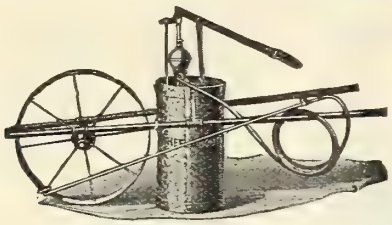
Deming Knapsack Sprayer

The illustration pictures the nearest to perfection yet obtained in Knapsack Sprayer construction. The mechanism of this new departure consists of a cast-bronze plunger type pump developing higher pressure than has heretofore been possible with other than the largest type sprayers. All working parts are readily accessible. Tank capacity four gallons. Equipment includes 3 foot of spray hose, automatic shut-off, extension rod, and a Demorel nozzle.
Brass tank. $25 00
Galvanized tank. 20 00

Vermorel Eclair, the best of the imported, knapsack type sprayers, copper tank, $22.50.

Greenhouse Syringe

Greenhouse Syringe. Brass.
No. 101, 1 x 12 inches, rose and jet. $4 00
No. 102, 1¼ x 16 inches, rose and jet. 5 50
No. 103, 1½ x 16 inches, rose and jet. 6 50
No. 110, 1½ x 18 inches, fine and coarse rose and jet. 10 00



WHEELBARROW SPRAYER

Wheelbarrow Sprayer. *Deming.*

Distinctly a "one-man" machine. Hose and discharge pipe are of sufficient length to spray young or low-growing fruit trees.

Pump has 1½-inch brass tube cylinder with adjustable stroke; brass plunger, ball valves and valve seats. Tank holds 10 gallons and is detachable from frame. Tank is made in brass or galvanized iron.

Ten feet of ⅜-inch discharge hose with "Demorel" nozzle and 4-ft. spray pipe are included. With galvanized tank, $31.50; brass tank, $40.00.

Paragon Sprayer. No. 3. An extremely satisfactory machine for either whitewashing, cold water painting or spraying, having a capacity for covering at the rate of 100 square feet a minute. Equipped with a 12 gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose.....$25 00

Extension Rods. Bamboo, brass lined, fitted with stopcock. 10 ft., $6.75; 12 ft..... 7 50

SIMPLEX NOZZLE

VERMOREL NOZZLE

BORDEAUX NOZZLE

Spray Nozzles. Bordeaux, $1.35; Vermorel, $1.50; Simplex, straight, 90 cts.; angle.....$1 00

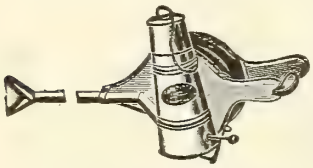
Powder Distributors and Dusters.

FEENEY DUSTER

The Feeney Duster. The best small hand duster for applying dry insecticides similar to the "All-In-One Mixture" either in the flower or vegetable garden.

Model "B" capacity about one pint, postpaid.....$1 25

Model "A" reservoir holds about one quart, fitted with a long spout permitting dusting close to the ground and on the under side of foliage without stooping, $3.50; postpaid..... 3 75



"PLATZ" BELLOWS DUSTER

"Platz" Bellows Duster. An imported dusting machine, light, compact, sturdy in construction, and one that is extremely efficient. Mechanism includes an agitator that will crush and sift sulphur, and a regulator for light or heavy application. Especially adapted for distributing Hellebore, Slug Shot, Grape Dust, and other dry insecticides. Capacity one pound; price.....$5 00

Stakes, Bamboo; dyed Green, very fine for staking delphinium, hardy chrysanthemums, gladiolas, etc.

Length	Doz.	100	1000	Length	Doz.	100	1000
18 in....	$0 15	$0 65	$4 00	36 in....	$0 30	$1 25	$7 50
24 in....	20	85	5 75	42 in....	35	1 50	8 50
30 in....	25	1 10	6 50	48 in....	40	1 75	9 50

Stakes, *Bamboo,* heavy, for dahlias and roses.

	Each	Doz.	100
¾-inch diameter, 4 ft. long.....	$0 10	$1 00	$6 50
⅝ to ¾-inch diameter, 6 ft. long.....	13	1 25	8 00

Stakes. Wood, light round, painted green:

	Each	Doz.	Doz. by Parcel Post	100
1½ ft.....	$0 04	$0 30	$0 40	$2 00
2 ft.....	06	50	60	3 50
2½ ft.....	07	70	85	5 25
3 ft.....	10	90	1 05	6 75
4 ft.....	13	1 35	1 55	10 00
5 ft.....	16	1 75	....	12 50

Stakes. Heavy Rose or Dahlia. Round, painted green.

	Each	Doz.	Doz. by Parcel Post	100
3 ft.....	$0 13	$1 35	$1 60	$10 50
4 ft.....	17	1 80	2 15	14 00
5 ft.....	22	2 30	....	17 75
6 ft.....	26	2 85	....	21 50

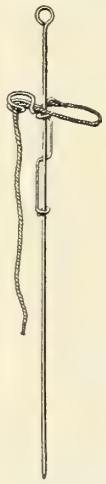
Stakes, Square. Painted green. A good, strong stake.

	Each	Doz.,	Doz. by Parcel Post	100
1½ ft.....	$0 04	$0 30	$0 40	$1 90
2 ft.....	05	45	55	3 00
2½ ft.....	06	65	90	4 25
3 ft.....	09	85	1 05	6 50
4 ft.....	13	1 35	1 60	9 50
5 ft.....	18	1 80	....	13 50
6 ft.....	20	2 00	....	16 00

Hyacinth Stakes. Wood, dyed green.

12 inch, per 100, 30 cts.; per 1000, $2.50; parcel post.....$2 75

18 inch, per 100, 40 cts.; per 1000, $3.50; parcel post..... 3 85



TIMESAVER PLANT SUPPORT

Timesaver Plant Supports. Supports are made of cold drawn steel, are pointed and looped. Each stake is complete with a galvanized wire sliding clip and twine for tying plant to be supported. In using this support the twine is looped about the plant then passed into the wire clip—no further tying being necessary.

No. 1—30 inch stake, per doz.....$0 95

No. 2—36 inch stake, per doz..... 1 15

No. 3—42 inch stake, per doz..... 1 60

No. 3A—48 inch stake, per doz..... 2 20

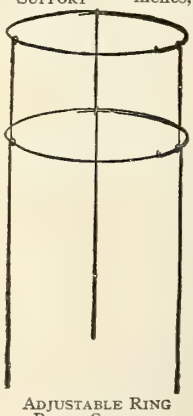
Plant Supports. *Adjustable Ring Plant Support,* rings may be adjusted to accommodate any plant having a diameter up to 20 inches, upright supports 34 inches in length. Each, 35 cts.; dozen, $3.50.

Adjusto plant support, consists of a hardwood stake together with a wire ring which may be adjusted to varying heights to conform with the growth of the plant.

	Each	Doz.
3 foot stake, 12 inch ring.....	$0 25	$2 50
4 foot stake, 12 inch ring.....	30	3 00

Carnation Supports, see page 213.

Model Peony or Tomato trellis, of heavy galvanized wire, height adjustable to a maximum of 35 inches, each ring measures 14 inches in diameter, each, 35 cts.; dozen.....$3 50



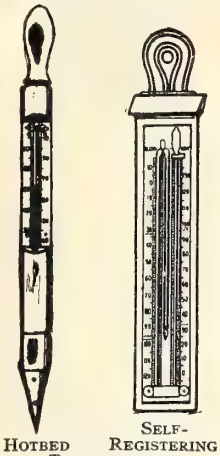
ADJUSTABLE RING PLANT SUPPORT

ADJUSTO PLANT SUPPORT

MODEL PEONY OR TOMATO TRELLIS

A More Complete List of Spraying and Dusting Equipment is shown in our Special Tool and Accessory Catalogue

Sun Dials, of cast bronze, beautifully finished, 10 inch diameter, $5.00; 11 inch diameter, $7.50; 12¼ inch diameter. . $12 00



HOTBED THERMOMETERS — SELF-REGISTERING

Tape. $\frac{5}{16}$ inch wide, dyed green, fine for tying up heavy plants, such as Dahlias, 1000 yard spools only. $4.50; postpaid..... 4 65

Thermometers. We carry but one grade of thermometers, the best procurable.

Greenhouse, Tin case, Japanned, 8 in., $2.00; 10 in..... 2 25

Greenhouse, Copper case, 10 in.... 2 50

Self Registering, indicates maximum and minimum degrees of temperature. Polished brass case 5 50

Hotbed or Mushroom, iron point.. 2 50

Churn or Dairy, glass, also suitable as a soil thermometer..... 1 00

Torches. For burning caterpillars' nests, asbestos, 50 cts.; postpaid..... 65

Tree Scrapers. 10 inch handle, 75 cts.; 20 inch..... 1 25

Trowels. American, 6 inch, 25 cts.; postpaid..... 35

Dreer trowel. The trowel most liked by professionals. The blade is flat and unusually strong, 80 cts.; postpaid. 90

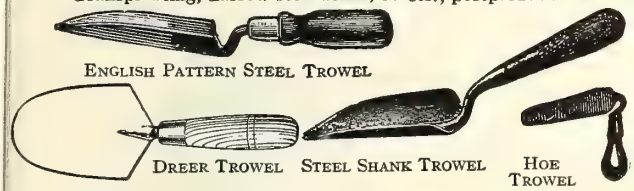
English pattern, 6 inch, 75 cts.; postpaid, 85 cts.; 7 inch, 80 cts.; postpaid..... 90

Steel shank, extra heavy, 80 cts.; postpaid..... 90

Transplanting, hoe shaped, 75 cts.; postpaid..... 85

Transplanting, narrow steel blade, 35 cts.; postpaid.... 45

ENGLISH PATTERN STEEL TROWEL



DREER TROWEL — STEEL SHANK TROWEL — HOE TROWEL

Dreer's "Riverton" Tubs. This tub is unquestionably the neatest plant tub obtainable. Its adoption as the Dreer standard was the result of countless experiments at our Nursery. Comparisons will show the Riverton tub to be at least one inch deeper than others being offered. Made of cedar, with electrically welded hoops, painted green. The four largest sizes are supplied with drop handles.

RIVERTON TUB

	Outside Diam. in.	Inside Diam. in.	Length of Stave in.	Each
No. 70	8¾	8	10	$0 65
No. 60	10¾	10	11	80
No. 50	12¾	12	13	1 15
No. 40	15	14	15	1 70
No. 30	17	16	17	2 10
No. 20	19¼	18	19	2 95
No. 10	21½	20	20	4 00

Heavy Tree and Plant Tubs. Made of white cedar painted green and bound with extra heavy iron hoops; drop handles and iron feet supplied with all sizes. Removable bottom.

HEAVY TREE AND PLANT TUB

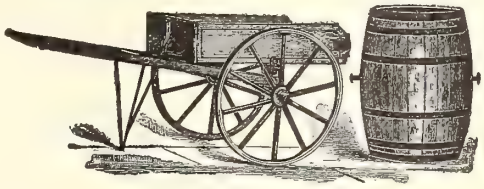
	Outside Diam. in.	Inside Diam. in.	Length of Stave in.	Each
No. 8	12	10¾	9½	$3 55
No. 7	13	11½	10	4 10
No. 6	14	12½	12	4 65
No. 5	16	14½	14	5 85
No. 4	18	16½	16	6 50
No. 3	21	18¾	18	8 05
No. 2	23	21	20	9 90
No. 1	25	23½	21½	11 10
No. 0	27	25	24	12 50

Twine. Cotton, Green, per ball, 10 cts.; per lb.....$0 90

Cotton, White, 3 and 5 ply, per ball, 15 cts.; per lb..... 75

Jute, 2, 3 and 5 ply, per ball, 25 cts.; per lb..... 45

Silkaline, a strong green thread for tying plants; fine, medium and coarse, per spool, 35 cts.; per lb., of 8 spools, $2.50; postpaid..... 2 65



COMBINATION TRUCK AND WATER BARREL

Trucks. Combination trucks, water or spray barrel and leaf rack, complete with 2½-inch tires.....$40 00

A very convenient combination, as the units are detachable and easily adjusted. Barrels with trunnions attached can be picked up by merely raising and lowering the truck handles. Weight is evenly balanced on axles. Truck, frame and wheels only..... 15 50

Barrel, $9.50; barrel fitted complete with Century sprayer pump, $33.50; box, $6.25. Leaf Rack..... 11 50

Vases. See page 221.

Watering Cans.	Light Round	Heavy Round English Pattern	Heavy Oval French Pattern
4 qt.....	$0 90	$4 50	
6 qt.....	1 00	4 75	$5 50
8 qt.....	1 10	5 25	5 75
10 qt.....	1 30	5 75	6 25
12 qt.....	1 50	6 00	6 75
16 qt.....	2 00	6 50	7 50

Above cans are galvanized. Light cans have one rose; heavy cans two. Extra roses for heavy cans..... 75

LANG'S WEEDER

MAGIC WEEDER

EUREKA WEEDER

EXCELSIOR WEEDER

Weeders. Eureka, 50 cts.; 2 ft. handle, 65 cts.; 4 ft. handle, 75 cts.; Excelsior, 15 cts.; Hazeltine, 60 cts.; Lang's, 25 cts.; Magic..... 35

Wheelbarrows. Boys', $7.00. No. 3 Garden, 3-inch tire.. 8 50

No. 2, Garden, 3-inch tire..... 9 00

Dreer special garden barrow, constructed of hardwood throughout, finished in clear varnish, fitted with a 2½ inch tread wheel.....10 00

Greenhouse, designed for narrow greenhouse aisles.....10 00

Window Boxes.

Savo. Self-watering and sub-irrigating, 8 inches in height, 9½ inches in width, strongly made of galvanized steel, finished in a pleasing shade of green,

SELF-WATERING WINDOW BOX

Model A. 23 inches long.....$3 00

Model B. 29 inches long..... 4 00

Model C. 35 inches long..... 4 50

Model D. 41 inches long..... 5 00

Success. Self-watering, well made, water-tight, galvanized steel box, finished in dark green enamel, 8½ inches wide, 6¼ inches deep and is furnished in the following lengths:

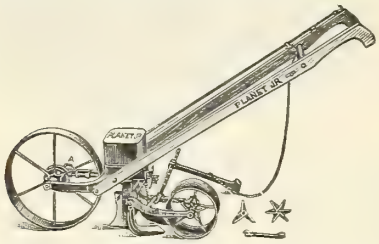
24 inches.....	$1 75	42 inches.....	$4 00
30 inches.....	2 50	48 inches.....	4 50
36 inches.....	3 00		

Descriptive circulars upon the above will be sent upon request.

WHEEL HOES, CULTIVATORS AND SEEDERS

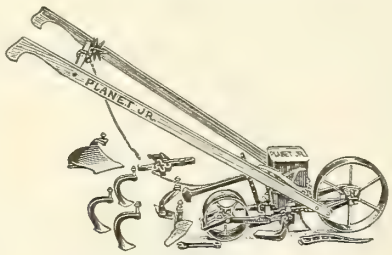
Much of the tedious, back-breaking seeding, weeding and hoeing are eliminated by the use of adjustable wheel tools. Being light and simple in construction they are practical tools for women and children. Market Gardeners use them, making possible accurate sowing and thorough cultivation in rows too narrow for horse tools.

Send for a Planet Jr. Catalogue. It is possible to list only a few of these tools here since the line includes a very complete assortment of hand tools and horse tools, both for one horse and two horses.



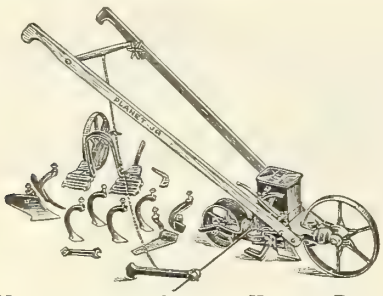
No. 3 Planet Jr. Hill and Drill Seeder

A popular size at a moderate price. The size used by growers excepting the very largest market gardeners.....$17 50



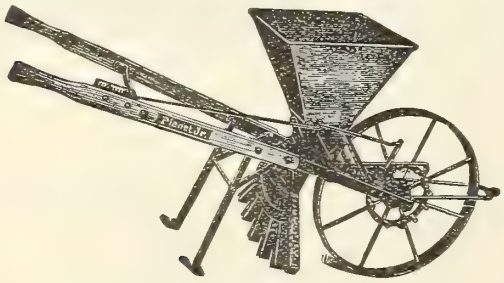
No. 4 Planet Jr. Combined Hill and Drill Seeder and Single Wheel Hoe

The small grower should select one of the combined machines. The drill attachment will not be used as often as the hoeing and cultivating tools, but will be a source of much saving. As a Hill and Drill Seeder it opens the furrow, deposits the seed, covers it and rolls it, either in drills or hills. Holds 2½ quarts.....$18 00



No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe

Many users call this the "Complete Gardener." Sows all seeds as explained under No. 4. Used as a double wheel hoe it straddles the row, cultivating both sides at one time till plants are 20 inches high. It can then be used as a single wheel hoe between the rows. The equipment of one pair of garden plows, 4 cultivator teeth, 1 pair of 6-inch hoes and leaf lifters enables you to do practically all the garden work. Capacity of seed hopper, 2½ quarts....$21 50



No. 220 Planet Jr. Fertilizer Distributor

The **No. 220 Fertilizer Distributor** distributes to the right and left at one time, all down the centre, or all to one side—right or left as desired. Price.....$27 00

No. 16 Planet Jr. Single Wheel Hoe

Designed to do all work required in the small garden. Plowing, cultivating, hoeing and raking. It is very light, and can therefore be easily carried about.....$9 00

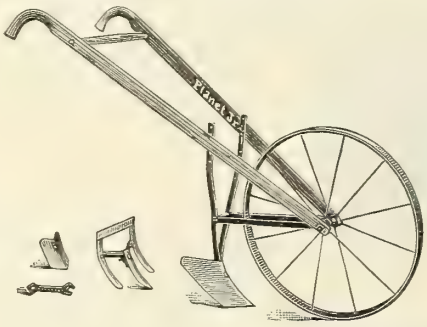
No. 17. Single Wheel Hoe. Identical with No. 16, excepting that the two rakes and leaf guard are not supplied. 7 75

No. 17½. Single Wheel Hoe. Same less plow..... 6 75

No. 18. Single Wheel Hoe. 6 inch hoes only..... 5 75

No. 19. Planet Jr. Garden Plow and Cultivator. Equipment: 1 garden plow, one 10-inch sweep, one cultivator tooth, one 5-prong cultivating attachment. 15-inch steel wheel.

A valuable tool for the large or small grower of vegetables. The complete assortment of cultivating attachments enables you to do the garden plowing, open and close furrows for seeds, hill up plants, do thorough cultivation and kill weeds, saving both time and labor.....$6 00



No. 119 Planet Jr. Garden Plow and Cultivator

Equipment: 1 garden plow, one 4-inch cultivating tooth, one 2-inch cultivator tooth, one scuffle blade cultivating attachment.

For choice of those who prefer a high wheel tool. Don't confuse it with cheaper makes or the likes of design. Complete assortment of cultivating attachments takes care of plowing, hilling, opening furrows and general cultivation.....$4 75

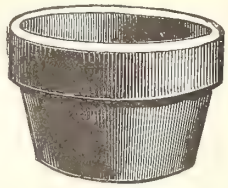
Fire Fly Garden Plow

This tool will plow a real furrow four to six inches wide, and three inches deep. Adjustable to varying depths. Price.....$4 25

FLOWER POTS, SAUCERS AND FIBREWARE

FLOWER POT

WATERPROOF PAPER POT



ROUND BULB OR LILY PAN

Standard Earthenware Flower Pots

Full inside measurement. No charge for packing. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates. Flower Pots and Bulb Pans can not be sent by mail, but only express or freight, at customer's expense.

Sizes	Each	Doz.	100	1000
1¾ in.	$0 03	$0 25	$1 15	$10 15
2 in.	03	25	1 15	10 15
2¼ in.	04	30	1 20	11 50
2½ in.	05	35	1 50	13 50
3 in.	06	40	1 95	17 55

Sizes	Each	Doz.	100	1000
3½ in.	$0 06	$0 45	$2 40	$21 60
4 in.	07	50	4 00	27 00
5 in.	10	75	5 40	48 60
6 in.	12	1 20	8 10	72 90
7 in.	20	2 00	13 50	.....

Sizes	Each	Doz.	100
8 in.	$0 25	$2 75	$19 50
9 in.	35	4 00	30 00
10 in.	50	5 50	40 50
12 in.	1 00	11 00	82 50
14 in.	1 50	17 50	135 00

Earthenware Flower Pot Saucers

Sizes	Each	Doz.	100
4 in.	$0 03	$0 30	$2 25
5 in.	04	40	3 00
6 in.	06	60	4 50
7 in.	08	80	6 00
8 in.	10	1 10	8 25
9 in.	15	1 50	11 25
10 in.	20	1 75	13 50
11 in.	25	2 25	16 50
12 in.	30	2 75	20 25
14 in.	40	4 00	33 75

Earthenware Round Bulb or Lily Pans

Width	Height	Each	Doz.	100
4 in.	3 in.	$0 07	$0 50	$3 00
5 in.	3 in.	10	75	5 40
6 in.	3½ in.	12	1 20	8 10
7 in.	4 in.	20	2 00	13 50
8 in.	4½ in.	25	2 75	19 50
9 in.	5 in.	35	4 00	30 00
10 in.	6 in.	50	5 50	40 50
12 in.	6½ in.	1 00	11 00	82 50
14 in.	7 in.	1 50	17 50	135 00

Square Seed Pans Earthenware

	Each	Doz.
6 x 6 in.	$0 80	$9 00
8 x 8 in.	1 10	12 00
10 x 10 in.	1 35	15 00
12 x 12 in.	1 60	18 00

Rubber Flower Pot Saucers

Neat in appearance, waterproof. The sizes listed indicate the size standard flower pot each saucer will accommodate.

sizes	Each	Doz.
4 in.	$0 15	$1 50
5 in.	20	2 00
6 in.	25	2 50
7 in.	30	3 00
8 in.	45	4 50
9 in.	55	5 50
10 in.	70	7 50
12 in.	85	9 00

Earthenware Fern Pans

The sides of fern pans are straight and without the rim that is shown on the flower pots.

Width	Height	Each	Doz.
4 in.	1⅞ in.	$0 06	$0 65
4¾ in.	2⅛ in.	08	90
5½ in.	2¼ in.	10	1 10
6¼ in.	2½ in.	12	1 25
7 in.	2⅝ in.	15	1 50
8 in.	3⅛ in.	20	2 00
9 in.	3¼ in.	25	2 50

Neponset Waterproof Paper Flower Pots

Made of a tough, waterproof paper that retains moisture very satisfactorily. Testing under actual growing conditions has proven that this container may be used successfully when seedling plants are grown therein from 6 to 8 weeks.

	Doz.	Per 100	Per 1000
2¼ in. pots	$0 12	$0 50	$4 40
2½ in. pots	15	60	5 00
3 in. pots	18	80	6 70
3½ in. pots	20	1 00	9 00
4 in. pots	25	1 30	11 40
5 in. pots	30	2 00	17 75
6 in. pots	45	2 70	21 75

Send for Circular and Sample.

Azalea Pots

Diam.	Depth	Each	Doz.	100
5 in.	4½ in.	$0 10	$0 75	$5 40
6 in.	5 in.	12	1 20	8 10
7 in.	6 in.	20	2 00	13 50
8 in.	7 in.	25	2 75	19 50
9 in.	7½ in.	35	4 00	30 00
10 in.	8 in.	50	5 50	40 50
12 in.	10 in.	1 00	11 00	82 50

Wood Fibre Saucers

Extremely neat in appearance, finished in mahogany brown.

	Each	Doz.
10-inch diameter	$0 80	$8 75
12-inch diameter	1 00	11 00
14-inch diameter	1 25	13 75
16-inch diameter	1 50	16 50
18-inch diameter	1 75	19 25

Fern Dish Liners

Very shallow and with straight sides for inside of fancy fern dishes.

Width	Height	Each	Doz.
7 in.	1⅞ in.	$0 25	$2 75

Vases, Florist, for cut flowers, made of metal, heavily galvanized, seams well soldered.

	Diameter	Depth	Each	Dozen
No. 58	5¼ inches	6 inches	$0 40	$4 00
No. 59	6 inches	7 inches	60	6 00
No. 65	7½ inches	8 inches	70	7 20
No. 66	8½ inches	10 inches	80	8 00
No. 67	8½ inches	11 inches	95	9 50
No. 68	8¾ inches	12 inches	1 10	11 00
No. 69	8¾ inches	18 inches	1 30	13 00

	Diameter	Depth	Each	Dozen
No. 253	4½ inches	9¾ inches	$0 60	$6 00
No. 254	5½ inches	11 inches	70	7 00
No. 255	6½ inches	12 inches	80	8 00
No. 256	6½ inches	13½ inches	90	9 00
No. 257	6½ inches	14¾ inches	1 00	10 00

FERTILIZERS FOR LAWN AND GARDEN

Dreer's "Peerless" Plant Food. This fertilizer, made in accordance with our specifications contains the correct proportions of nitrogen, phosphoric acid and potash, that assures vigorous, sturdy plant growth. Equally good for pot plants as well as in the flower and vegetable garden, while the lawn will thrive luxuriantly when dressed with Peerless Plant Food at the rate of five pounds to five hundred square feet of surface several times during the growing season. ½ lb., 15 cts.; by mail, 25 cts.; 1 lb., 25 cts.; by mail, 40 cts.; 5 lbs., 75 cts.; 10 lbs., $1.25; 25 lbs., $2.50; 50 lbs., $4.00; 100 lbs., $7.50.

Adco. The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc.; at the rate of two pounds to each wheelbarrow load of refuse, will produce a clean, odorless manure within three or four months. 25 lbs., $2.00; 150 lbs., $10.50.

Allwood's Carnation Food. Allwood Bros. of England have a world wide reputation as growers and originators of carnations. They have also developed a complete fertilizer which we are assured is unequalled for carnations. Our supply has been imported direct from the manufacturers. 28-lb. bag, $4.00; 56-lb. bag, $6.50; 112-lb. bag, $12.00.

Ammo Phos. A fertilizer for golf courses and fine lawns, containing 20 per cent. ammonia and 20 per cent. available phosphate. Apply five pounds to the 1000 square feet, once in the Spring, once in Mid Year and again in the Fall. 5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $3.00; 50 lbs., $5.00; 100 lbs., $8.00; 500 lbs., $35.00; 1000 lbs., $67.50; ton, $125.00.

Ammonia Sulphate. Analyzes about 25 per cent. ammonia with the result that stimulation in growth of plant life is noted practically at once. 5 lbs., 75 cts.; 10 lbs., $1.25; 50 lbs., $3.50; 100 lbs., $6.00; larger quantities, prices upon application.

Ashes, Canadian Hardwood. Very good in supplying potash, and also greatly benefits mechanical condition of the soil. A very fine lawn dressing. 25 lbs., $1.25; 50 lbs., $2.00; per bag of about 100 lbs., $3.00; 500 lbs., $13.50; per ton, $40.00.

Blood, Dried. A very quick acting fertilizer being immediately soluble. 5 lbs., 50 cts.; 10 lbs., 90 cts.; 25 lbs., $1.75; 50 lbs., $3.25; 100 lbs., $6.00; 500 lbs., $28.50; 1000 lbs., $55.00; ton, $100.00.

Bone Flour. Very finely pulverized bone. Excellent where an immediate effect is wanted. 5 lbs., 50 cts.; 10 lbs., 85 cts.; 25 lbs., $1.75; 50 lbs., $3.00; 100 lbs., $5.00; 200 lbs., $9.00.

Bone Meal. A fertilizer for all purposes; safe and effective. Especially good for use on lawns. Apply 10 lbs. to 250 square feet. 3 lbs., 25 cts.; 5 lbs., 40 cts.; 10 lbs., 65 cts.; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00; 500 lbs., $18.50; 1000 lbs., $35.00; ton, $65.00.

Clay's Fertilizer, Imported. Recommended highly as a forcing fertilizer. Per bag of 28 lbs., $4.00; 56 lbs., $6.50; 112 lbs., $12.00.

Cotton Seed Meal. Rich in ammonia and potash, making an excellent fertilizer for lawns and golf greens. 5 lbs., 45 cts.; 10 lbs., 75 cts.; 25 lbs., $1.35; 50 lbs., $2.50; 100 lbs., $4.50; 1000 lbs., $40.00; 2000 lbs., $72.50.

Cattle Manure. Shredded and dried and therefore considerably more concentrated than as it comes from the stable. 25 lbs., $1.40; 50 lbs., $2.25; 100 lbs., $3.75; 500 lbs., $18.00; 1000 lbs., $33.00; ton, $60.00.

Humus. A highly fertile earth. Excellent to incorporate with poor soil. Apply 5 to 10 tons per acre. 50 lbs., $1.25; 100 lbs., $2.00; 500 lbs., $9.00; 1000 lbs., $15.00; ton, $25.00.

Land Plaster greatly benefits clovers and other legumes as well as potatoes and other root crops. Apply 400 lbs. to the acre. 25 lbs., 75 cts.; 50 lbs., $1.25; 100 lbs., $1.75; 200 lbs., $3.00; 1000 lbs., $13.50.

Lime. For lawn or field use. Very finely pulverized. Hydrated. 10 lbs., 35 cts.; 50 lbs., $1.00; 100 lbs., $1.75; 500 lbs., $7.50; 1000 lbs., $13.50; ton, $25.00.

Limestone. Pulverized. The legumes, Alfalfa, Clovers, etc., respond best to limestoned soils. 50 lbs., $1.00; 100 lbs., $1.75; 500 lbs., $7.50; 1000 lbs., $13.50; ton, $22.50.

Muriate of Potash. The essential element for the proper development of all root crops. A combination of one part muriate with four parts bone meal makes a most satisfactory top dressing for dahlias. Use a handful to the plant, applying late in July or early in August. 5 lbs., 45 cts.; 10 lbs., 75 cts.; 25 lbs., $1.25; 100 lbs., $4.50; 500 lbs., $20.00; 1000 lbs., $37.50.

Nitrate of Soda. Supplies nitrogen to soil; very active. Should be applied with a filler or as a liquid. Use 200 to 500 lbs. per acre. 5 lbs., 40 cts.; 25 lbs., $1.50; 100 lbs., $5.00. (Not mailable.)

Phosphate, Super Phosphate. High Grade Acid Phosphate, 16 per cent. 25 lbs., $1.00; 50 lbs., $1.50; 100 lbs., $2.50; 200 lbs., $4.50; 1000 lbs., $21.00.

Plantabbs. A widely advertised fertilizer and stimulant in tablet form made especially for potted plants. Prepared in four sizes, 25 cts., 50 cts., $1.00 and $3.50.

Potato and Truck Special Fertilizer. A properly balanced fertilizer for all root crops, and may be used with excellent results throughout the vegetable garden. 100 lbs., $3.50; 500 lbs., $15.00; 1000 lbs., $25.00; ton, $42.50.

Poultry Manure. Pulverized, rich in plant food elements. Beneficial results will be noted at once from the use of this fertilizer. 5 lbs., 35 cts.; 10 lbs., 65 cts.; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.50; 500 lbs., $16.50; 1000 lbs., $30.00; ton, $57.50.

Salt, Agricultural. Used for top dressing the asparagus bed, chiefly for keeping down weeds. 100 lbs., $1.75; 500 lbs., $7.50; 1000 lbs., $13.50; ton, $25.00.

Sheep Manure, Pulverized. One of the most generally used of animal manures. Unequalled for general use in growing flowers. Apply 1000 lbs. per acre. 2 lbs., 25 cts.; 5 lbs., 45 cts.; 10 lbs., 70 cts.; 25 lbs., $1.40; 50 lbs., $2.25; 100 lbs., $3.75; 500 lbs., $18.00; 1000 lbs., $33.00; ton, $60.00.

Soot, Imported Scotch. Used principally to produce good color in greenhouse plants. Effective against grubs and worms that work on top of the ground and beneath the surface. 25 lbs., $1.75; 50 lbs., $3.00; 100 lbs., $5.50.

Special Vegetable Fertilizer. A general fertilizer for all crops, including grass and grains. 100 lbs., $3.00; 200 lbs., $5.50; 500 lbs., $13.50; 1000 lbs., $25.00; 2000 lbs., $45.00.

Springfield Rose Food. An organic fertilizer, containing the vital elements of plant life in scientifically correct proportions to make it an ideal food for roses. Will keep your bushes in splendid condition and produce an abundant crop of perfect blooms. 10 lbs., $1.25; 25 lbs., $2.25; 100 lbs., $6.50.

Stim-U-Plant. A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are, therefore, very convenient for house use. Package of 30 tablets, 25 cts.; 100 tablets, 75 cts.; 1000 tablets, $3.50.

Tankage. Very similar to blood but not so high in fertilizer content. 50 lbs., $2.25; 100 lbs., $4.00; 200 lbs., $7.00; 500 lbs., $17.50; 1000 lbs., $30.00; ton, $57.50.

Tobacco Stems. A fertilizer and an insecticide, while as a mulch for the rose garden nothing will be found that is superior. Tobacco stems contain high percentages of the three essential plant foods and, in addition the nicotine which they supply to the soil is of value in killing the larva of many insects that hatch out in the ground. We can supply stems finely ground; in this condition they are convenient to handle and better to use. Ground stems, 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.00; 1000 lbs., $25.00; ton, $45.00. Uncut stems in bale of about 100 lbs., $3.00.

Tree Food, "Davey." A concentrated fertilizer prepared especially for trees by the Davey Institute of Tree Surgery. This food is not a cure-all, but rather a carefully balanced ration that will give your trees an immediate impulse toward higher vitality. Supplied in 50 lb. bags only; per bag, $5.00.

Mulch Paper. A durable grade of paper, impregnated with asphalt, that is applied directly upon the prepared soil in the garden, either before or after sowing the seed or setting out the plants.

Through the use of Mulch Paper soil temperature is increased resulting in greater bacterial activity with a corresponding increase in available plant food. Its use discourages the growth of weeds; the original tilth of the soil is protected and the moisture within conserved, so that plants do not suffer over long periods of drought.

Mulch Paper is made in two grades: Type "A" for Annuals in rolls of 300 lineal yards, 18 and 36 inches wide; Type "B" for Perennial and Biennial crops in rolls of 150 yards, 18 and 36 inches wide. Either type 18 inches wide, $3.50; 36 inches wide, $7.00. Write for booklet.

INSECTICIDES AND FUNGICIDES

Parcel Post. Only those insecticides marked * can be shipped through the mails. Articles so marked will be shipped provided sufficient postage is included with your order. Those not marked will be forwarded freight or express charges collect.

Sprayers for applying insecticide are listed on pages 218 and 219.

All-In-One Mixture. A dry combination of 1¼ per cent Nicotine; 9 per cent Arsenate of Lead and 65 per cent Sulphur, controlling many fungus diseases, and both chewing and sucking insects. 1 lb., 75 cts.; 5 lbs., $2.50; 10 lbs., $4.50. (Not mailable.)

Antrol. An effective control for the honey-dew loving species of ants. Ants harbor and distribute aphis, scale insects and mealy bugs about the garden as on the roots of Aster and Snapdragon plants and the new growth on roses. Trial Set consisting of four small glass jars for setting the bait about the garden or household and a supply of Antrol Syrup, $1.00. Additional glass jars or containers 15 cts. each, $1.50 doz. Antrol Syrup, 4 oz., 50 cts.; pints, $1.00; gallons, $4.00. Antrol Syrup is not mailable.

***Ant Destroyer.** An effective remedy for Ants, ½ teaspoonful required for each ant hill. ¼ lb., 35 cts.; ½ lb., 60 cts.; 1 lb., $1.00; 5 lbs., $2.50.

***Aphistrogen.** Makes a complete spray for most sucking insects; prepared especially for roses and other plants. Per 4 oz., 75 cts.; $1.25 per ½ lb.; $3.50 per 2 lbs.; 12 lbs., $15.00.

Arsenate of Lead. Powder. Superior to paste in that it does not deteriorate from standing. Use 1 to 1½ lbs. to 50 gals. of water. 1 lb., 50 cts.; 4 lbs., $1.50; 8 lbs., $2.75; 24 lbs., $7.50; 48 lbs., $14.00; 100 lbs., $25.00. (Not mailable.)

Black Leaf 40. A concentrated nicotine solution for aphis, thrip and red spider. Dilute 1 oz. to from 3 to 6 gals. of water. 1 oz., 35 cts.; ½ lb., $1.25; 2 lbs., $3.25; 10 lbs., $12.00. (Not mailable.)

Bordeaux Mixture. Powder. Can be used dry or as a spray. When used as a spray 6 lbs. to 50 gals. of water will make standard 3-3-50 mixture. 1 lb., 35 cts.; 4 lbs., $1.25; 24 lbs., $5.50; 48 lbs., $10.00; 100 lbs., $19.00. (Not mailable.)

Bordeaux Arsenate of Lead. Powder. Use 7 lbs. to 50 gals. of water. 1 lb., 50 cts.; 4 lbs., $1.75; 24 lbs., $7.50; 100 lbs., $25.00. (Not mailable.)

Cyanogas, "Calcium Cyanide," Grade A, for the destruction of ground moles, wood chucks, rats and other rodents Per lb., 75 cts.; 5 lbs., $3.00. (Not mailable.)

***Evergreen.** A non-poisonous insecticide that is as equally efficient in both the flower and vegetable garden. Destroys a great number of both chewing and sucking insects without danger of burning the plants. 1 oz. bottle, 35 cts.; 6 oz. bottle, $1.00; pint, $2.00; quart, $3.85; gallon, $13.00.

***Insect Spray, "Red Arrow."** A contact insecticide that may be used upon the most tender foliage without burning and the more delicate flower without staining. Economical to use being decidedly effective at dilutions of one to five hundred. Oz., 30 cts.; half pint, $1.75; quart, $6.00; gallon, $22.00.

Fungtrogen. A most effective and scientific preventative and remedy for Mildew, Black Spot and other fungoid diseases of roses. Will not discolor the foliage. Pint, $1.25; quart, $2.00; half gallon, $3.50; gallon, $6.00. (Not mailable.)

***Grape Dust.** Powder. A remedy for mold and mildew. Ready for use as bought. 5 lbs., $1.00; 10 lbs., $1.80.

Insectrogen. A complete spray. Poison, fungicide and fertilizer. Highly effective for leaf chewing insects, and an equally efficient detergent for black spot on Roses, and Mildew and Red Spider on Phlox. Half pints, $1.00; pints, $1.75; quarts, $2.75; half gallons, $4.50; gallons, $8.00. (Not mailable.)

***Lemon Oil.** Effective against scale and aphis. Particularly recommended for use indoors, since it has a pleasant odor. Dilute 1 part to 10 parts of water. ½ pt., 35 cts.; 1 pt., 60 cts.; 1 qt., $1.00; 1 gal., $3.00; 5 gals., $12.00.

Lime Sulphur Solution. The standard remedy for scale and for certain fungus. Use 1 part to 9 parts of water. 1 qt., 60 cts.; 1 gal., $1.10; 5 gals., $4.50; 10 gals., $7.00; 30 gal. bbl. at 40 cts. per gal.; 50 gal. bbl. at 30 cts. per gal. (Not mailable.)

***Lime Sulphur.** Powder. Apply 12 to 15 lbs. in 50 gals. of water. 1 lb., 35 cts.; 5 lbs., $1.40; 10 lbs., $2.25; 25 lbs., $4.50; 50 lbs., $8.00; 100 lbs., $15.00. (Not mailable.)

Nico Fume. Liquid. An effective vaporizing liquid. ¼ lb., 75 cts.; 1 lb., $2.25; 4 lbs., $6.50; 8 lbs., $12.00. (Not mailable.)

***Nico Fume.** Paper. A nicotine preparation. Furnishes easiest method of fumigation. Box of 24 sheets, $1.25; 144 sheets, $5.00; 288 sheets, $9.00.

Nico Fume. Powder, for fumigating greenhouses; contains 12½ per cent nicotine. 1 lb., $1.15; 5 lbs., $4.00; 10 lbs., $7.25. (Not mailable.)

Pomo Green. A combination fungicide and insecticide being composed of Sulphur with Arsenate of Lead. It serves as a quick acting poison for leaf eating insects and controls mildew and black spot and other fungus disturbances affecting roses, snapdragons, phlox, carnations, etc. *Invisible on green foliage.* 5 lbs., $1.50; 25 lbs., $7.00. (Not mailable.)

Pyrox (*Bordeaux Arsenate of Lead, Paste*). A combination of Bordeaux Mixture and Arsenate of Lead, forming thereby a remedy for fungus and leaf-eating insects. Use 1 lb. to from 5 to 10 gals. of water. 1 lb., 50 cts.; 5 lbs., $2.00; 10 lbs., $3.50; 25 lbs., $7.00; 50 lbs., $12.50; 100 lbs., $21.00. (Not mailable.)

***Qua-Sul.** A very effective fungicide for the control of mildew, blackspot, delphinium and antirrhinum rust, damping off fungus, etc. 1 qt., $1.25; 1 gal., $4.00; 5 gals., $17.50.

***Rat Corn.** For rats and mice. Cans, 25 cts., 50 cts. and $1.00.

***Scalecide.** A complete dormant spray, unequalled for San Jose scale, and other orchard pests. Dilute 1 gal. to 15 gals. of water. 1 qt., 75 cts.; 1 gal., $1.75; 5 gals., $6.25; 10 gals., $10.75; 15 gallon drum, $14.00; 30 gals., $26.00; 50 gals., $35.00.

Semesan. A disinfectant for the control of Seed, Plant and Soil diseases. It increases seed germination and seedling growth, prevents the damping off fungus so destructive to both seedling plants and cuttings. Used either as a dust or in solution. 2 oz., 50 cts.; 1 lb., $2.75; 5 lbs., $13.00; 25 lbs., $56.25. (Not mailable.)

Semesan Bel. Developed specifically for the control of fungus diseases attacking potatoes and other roots and tubers. One lb., $1.75; 5 lbs., $8.00; 25 lbs., $37.50. (Not mailable.)

***Slug Shot.** One of the most known remedies for cabbage and currant worms. Apply as bought. 1 lb., 20 cts.; 5 lbs., 60 cts.; 25 lbs., $2.75; 100 lbs., $10.00.

Snarol. An effective bait for controlling Cutworms, Grasshoppers, Snails, Slugs and Sow Bugs. Not injurious to plants or other vegetation. One pound, 50 cts.; three pounds, $1.00; 15-lb. bag, $3.75; 50-lb. sack, $10.00. (Not mailable.)

***Soap, Fish Oil, or Caustic Potash Fish Oil.** Remedies for scale and aphis. 1 lb., 30 cts.; 5 lbs., $1.25; 25 lbs., $4.50.

***Sulphur.** Powdered. For mildew. 1 lb., 15 cts.; 5 lbs., 60 cts.; 10 lbs., $1.00; 100 lbs., $8.00.

***Tobacco Dust.** Fine, for Dusting, or extra fine, for fumigating. 1 lb., 15 cts.; 5 lbs., 50 cts.; 25 lbs., $2.00; 100 lbs., $6.00.

***Tree Tanglefoot.** A paste preparation painted around the trunk of a tree to keep caterpillars, etc., from crawling into the tree, one pound making from 12 to 15 lineal feet of band. 1 lb., 60 cts.; 5 lbs., $2.75; 10 lbs., $5.25; 25 lbs., $11.00.

***Volck.** A refined oil emulsion that may be used on foliage with entire safety. Effectually controls scale, mealy bug, white fly, red spider, aphids, thrips, etc. Does not discolor foliage, but rather imparts a bright glossy appearance. One gallon makes from 32 to 100 gallons of spray solution. Half pint, 50 cts.; pint, 75 cts.; quart, $1.00; gallon, $3.00; 5 gallons, $12.00.

***Weed Killer** (*Atlacide, Non-Poisonous*). Deadly to vegetation but harmless to humans, animals and birds. One pound, kills 100 sq. ft. of weeds, 50 cts. Large can, sufficient for 500 sq. ft. of surface, $2.00.

Weed Killer. Kills all plant growth. Dilute 1 part to 40 parts of water. Applied with an ordinary watering can. 1 qt., 50 cts.; ½ gal., 85 cts.; 1 gal., $1.50; 5 gals., $6.00; 30 gal. drum, $30.00; 50 gal. drum, $45.00. (Not mailable.)

Wilson's O. K. Plant Spray. An insecticide that is equally good upon house plants as well as in the garden. It will destroy aphis, red spider, lace wing fly, currant worms, and other soft bodied insects. ½ pt., 40 cts.; 1 qt., $1.00; 1 gal., $3.00; 5 gals., $12.00; 10 gals., $20.00. (Not mailable.)

THE "DREER" LAWN MOWER

In preparing the specification upon which the "Dreer" Lawn Mower has been built we had but a single thought in mind. To construct the best mowing machine of its type that could possibly be built.

The "Dreer" Mower is made throughout of the best materials, combined with the finest workmanship. The essential feature, however, is that it is made with plain bronze bearings.

The "Dreer" Mower is equipped with five extra wide blades of crucible steel, oil hardened and water tempered, a triple set of gears on each side results in an extra long wheel base. This unusual distance between the drive wheels and the revolving cutting blades results in a smooth velvety cut, not only on the smoother portions of the lawn, but over the uneven surfaces as well. The bottom knife is of tempered crucible tool steel, has a raised edge over which the blades of the revolving cylinder must pass, resulting in a shearing or clean cutting of the grass and not simply a crushing or tearing that actually happens with some other types of lawn mowing machines. Then too the continual passing of the revolving blades over the bottom or dead knife accounts for the always sharp condition of the "Dreer" Mower. Adjustments can be made that will allow as close cutting as one quarter of an inch from the surface of the ground or as great as $1\frac{5}{16}$ inches, while grass that is five inches high is not too great for the "Dreer" Mower to properly handle. Made in both high wheel and low wheel construction.

"Dreer" Low Wheel Mower

12-inch cut, wheels 8 in. high	$15 00
14 " " " "	18 00
16 " " " "	21 00
18 " " " "	24 00

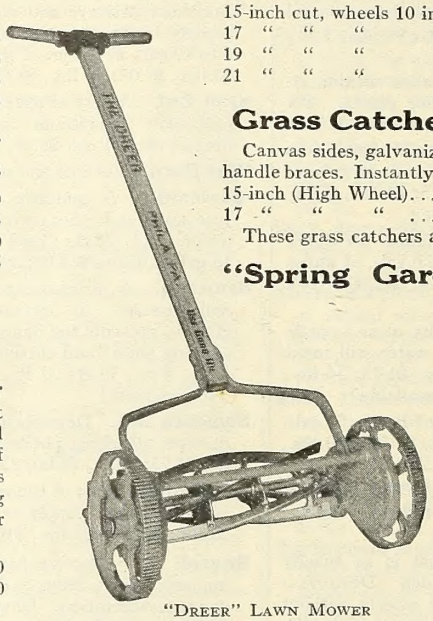
Grass Catchers for Low Wheel Mowers

12-inch (Low Wheel)	$3 00
14 " " "	3 25
16 " " "	3 50
18 " " "	3 75

The Coldwell Imperial Roller Bearing Mower

The Coldwell Imperial Roller Bearing Mower has embodied in it the same high grade materials and workmanship that are a feature of their power mowers. Specifications include, 10-inch wheels, 5 cutting blades, and Hyatt self-oiling roller bearings.

16-inch	$18 50
28 "	20 00
10 "	21 50



"Dreer" Lawn Mower

"Dreer" High Wheel Mower

15-inch cut, wheels 10 in. high	$25 00
17 " " " "	28 00
19 " " " "	32 00
21 " " " "	36 00

Grass Catchers for High Wheel Mowers

Canvas sides, galvanized bottom. Supported by truss rods attached to handle braces. Instantly detached or can be emptied by dumping forward.

15-inch (High Wheel)	$3 50	19-inch (High Wheel)	$4 00
17 " " "	3 75	21 " " "	4 25

These grass catchers also fit the "Spring Garden" Lawn Mower.

"Spring Garden" Ball Bearing Mower

To those among our customers who insist upon a ball bearing machine we can recommend without reservation our "Spring Garden" Ball Bearing Mower.

Made only in the high wheel type, with 10-inch wheels, five blades of oil hardened and water tempered crucible tool steel; double gears, one in each drive wheel; having a self sharpening raised edge tool steel bottom knife, and with perfect fitting ball cups and cones, all insuring the best all-around, easy running machine of its type made.

15-inch cut	$17 50	19-inch cut	$22 50
17 " "	19 50	21 " "	25 00

HORSE DRAWN AND GASOLINE POWERED LAWN MOWERS

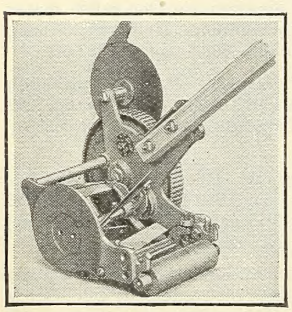
We are prepared to submit quotations and specifications upon Horse Drawn, Lawn Mowing Equipment of either the Pennsylvania or Coldwell Lawn Mower Companies' manufacture.

During the 1930 season we will be prepared to offer Gasoline Powered Lawn Mowers manufactured by the Coldwell Lawn Mower Company.

The available sizes will include the 21-inch "Cub," $195.00; the twin cylindered, Model "L," 25-inch, $335.00; the "Twin 30," 30-inch, $385.00, etc. Prices are f. o. b. Newburgh, N. Y. Descriptive matter and illustrations will be forwarded upon request.

Lawn Trimmers

Coldwell. A high quality tool, for trimming along walks, walls or flower bed, out of reach of the regular lawn mower, width of cut, 8 inches, $10.50.


Penna. Trimmer and Edger

Pennsylvania Undercut. Constructed with a slanting side plate and a conical cylinder making it possible to cut all grass left by the regular mower in places heretofore accessible only to hand shears, width of cut 6 inches, $12.00.

Penna. Trimmer and Edger. Similar to the standard type trimmer with the additional advantage of a disc wheel turf edger, $12.00.

Lawn Mower Oil

Quart	$0 35
Gallon	1 25

Lawn Cleaners

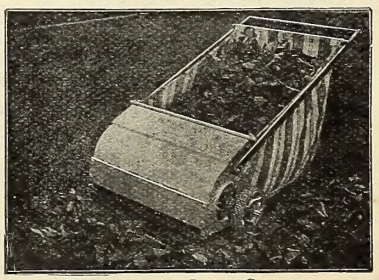
The **Pennsylvania Lawn Cleaner** will remove from the lawn not only the cut grass, but all sorts of litter, leaves and trash.

The suction created by the three rapidly revolving brushes (or rakes), cleans the lawn on the same principle as the vacuum cleaner operates on carpet. It is easy to operate, and with it one man will do more and better work than four men with hand rakes.

The brushes are recommended for removing worm-casts from putting greens and tennis courts where a smooth surface is essential.

Always specify "Rakes" or "Brushes" when ordering.

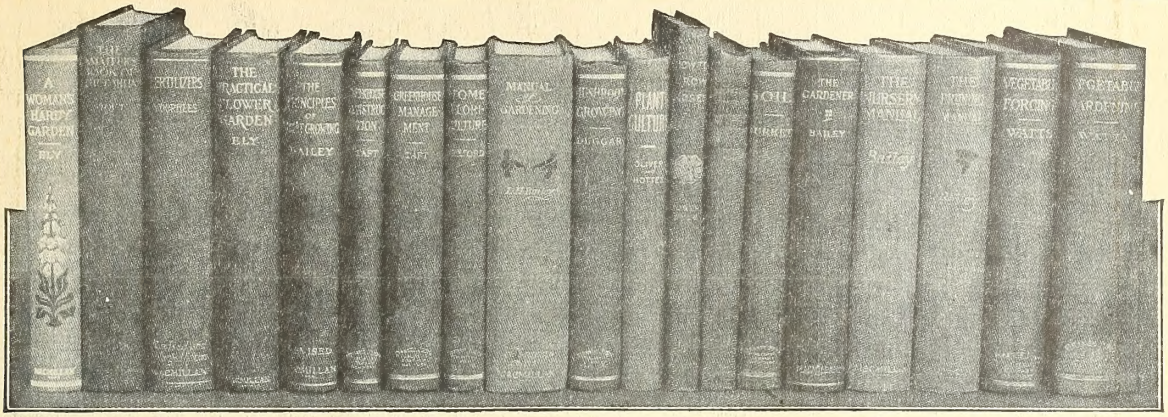
24-inch cleaner $30 00
Extra brushes or rakes per set of three $9 00


Pennsylvania Lawn Cleaner

A more detailed listing of lawn making and lawn mowing equipment is given in our special tool and accessory catalogue

Books on Horticultural and Kindred Subjects

ALL BOOKS SENT POSTPAID AT PRICES GIVEN



Adventures in my Garden and Rock Garden (Louise Beebe Wilder). The best book on rock gardens for American conditions. Illustrated..... $5 00

A Woman's Hardy Garden (Mrs. Ely). One of the most popular and helpful books for the amateur, beautifully illustrated..... 2 00

Annuals, Little Book of (Hottes). A reliable guide to the culture of annual flowers, over 100 separate species are described with full directions for their culture and uses. 1 50

Asparagus. Its culture for home use and for market..... 1 00

Berry Book (Biggle's). All small fruits are treated in this complete little book..... 50

Book of Bulbs (Rockwell). A new book giving complete directions for the growing of all kinds of bulbs..... 3 00

Chrysanthemum Manual. A complete guide to the culture of this popular flower. This is the latest edition of this valuable work, and which has been brought right up-to-date..... 1 50

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